



ICAO

International Civil Aviation Organization

INFORMATION PAPER

Eighteenth Meeting of the Meteorological Information Exchange Working Group (MET/IE WG/18)

Tenth Meeting of the Meteorological Services Working Group (MET/S WG/10)

Web-conference, 27 to 31 July 2020

Agenda Item 4: Guidance material related to meteorological information exchange

PLANS FOR IWXXM IN JAPAN

(Presented by Japan Meteorological Agency)

SUMMARY

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

1. INTRODUCTION

1.1 Amendment 78 to Annex 3 states that the international exchange of IWXXM formatted METAR/SPECI, TAF, AIRMET, SIGMET, Volcanic Ash Advisory (VAA) and Tropical Cyclone Advisory (TCA) is currently a recommended practice, and it will become a standard practice from 5 November 2020.

1.2 Japan Civil Aviation Bureau and Japan Meteorology Agency are preparing for implementation of the exchange of IWXXM messages. This information paper provides Japan's progress and plans on it.

2. DISCUSSION

Plans for dissemination of IWXXM

2.1 Due to social and economic impact by the current COVID-19 outbreak, the schedule of upgrading software on communication systems has been postponed for a few months, consequently delaying the start of dissemination of some messages in IWXXM form.

2.2 Starting in late March, 2021, after the major replacement of JMA's operating system, IWXXM messages for TAF, METAR, and SIGMET are planned to be disseminated in IWXXM ver. 3.0.

2.3 TCA and VAA are also expected to be exchanged in IWXXM ver. 3.0 in late March, 2021. While depending on the commencement date of IWXXM-ready AMHS operational use, IWXXM-

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based TCA and VAA (ver. 2.1.1, if the date is delayed) may be shared on the internet web-page in advance.

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:

- United States: AMHS connection has been already operated. Specific connectivity test for FTBP function is going to be conducted in September 2020.

- Hong Kong, China: An AMHS connectivity test is currently conducted and operational phase will be commenced in September 2020.

- Singapore: Similar connectivity test is currently conducted and operational phase will be commenced in October 2020.

2.5 In addition to the above, further AMHS connectivity tests are scheduled in the 4Q of 2020 with China and in the 1Q of 2021 with South Korea.

3. ACTION BY THE MEETING

3.1 Note the information contained in this paper.
