



ICAO

*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**IMPLEMENTATION OF IWXXM IN MONGOLIA**

(Presented by Mongolia)

SUMMARY

This paper presents the implementation of IWXXM in Mongolia.

1. INTRODUCTION

1.1 This paper presents the progress and the implementation status of IWXXM in Mongolia. Indicated in Amendment 78 to ICAO Annex 3.

2. DISCUSSION

2.1 The Aviation Meteorological Center has been cooperating with an Information and Technology company since Oct 2020 to implement IWXXM within the SWIM concept. IWXXM 3.0 version converter software has been developed and it has been tested from February 23, 2022. During the test a lot of errors have occurred in the converter software so far.

2.2 We have been using the examples taken from the website <https://schemas.wmo.int/iwxxm/3.0> and comparing them to what we are doing. There is a need for an example that can be converted from TAC to XML from a variety of weather conditions. For example, in the trend forecast TTTT section of the METAR, how to convert TEMPO VRB10G15MPS to XML.

2.3 The transition to XML has not been completed, yet. Planning to complete IWXXM 3.0 version TAC to XML Converter software in 2022. After the development of the TAC to XML converter is completed, we want to test it with Beijing ROC and other countries.

2.4 The Civil Aviation Authority of Mongolia is responsible for the Transmission Network. Equipments that was delayed due to COVID-19 border closures has now arrived in Mongolia. Equipment installation and connection will be completed in December 2022.

3. ACTION BY THE MEETING

3.1 Countries that have implemented and are ready to implement IWXXM, please provide us with TAC and XML examples of various weather conditions.

3.2 We hope that our cooperation will be successful in the future

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- i. Information Papers should solely provide information on developments of technical or administrative matters of interest to the meeting.
- ii. Limit the scope of the information paper to one agenda item (or sub-item) and include, as appropriate, an introduction of the matter and brief discussion.
- iii. Ensure the title is succinct and easy to read and immediately gives the reader an idea of what the paper will present.
- iv. Ensure all sections of the paper are clear and easy to understand.
- v. Ensure the paper is as brief as possible (preferably not longer than two pages, excluding any appendix/es). Do not include any information that is off topic, less important or not directly related to the main idea of the paper. Do include any necessary supporting information in the appendix/es.