



ICAO

International Civil Aviation Organization  
North American, Central American and Caribbean Office  
INFORMATION PAPER

MET/TF/3— IP/04  
20/11/25

**Third Meeting of the North American, Central American and Caribbean Working Group (NACC/WG)  
Implementation of Aeronautical Meteorology (MET) Task Force (MET/TF/3)**  
Mexico City, Mexico, 9 to 12 December 2025.

**Agenda Item 4: Data Formats and Interoperability Standards for Data Exchange**

**THE USE OF EMAIL AS A BACKUP TO AMHS/AFTN**

(Presented by United States)

**EXECUTIVE SUMMARY**

A discussion about the eMail Data Input System (EDIS), an alternative or backup to Aeronautical Message Handling System (AMHS) / Aeronautical Fixed Telecommunications Network (AFTN).

*Strategic Objectives:*

- Air Navigation Capacity and Efficiency

*References:*

N/A

**1. INTRODUCTION**

1.1 This paper discusses a tool in the transmission of OPMET via email and is available from the Washington Inter-Regional OPMET Gateway (IROG).

**2. DISCUSSION**

2.1 The Washington IROG is responsible for the final collection of all required OPMET data from the Caribbean and the dissemination to the Regional OPMET Centres (ROC). This is typically done using the Aeronautical Message Handling System (AMHS) and Aeronautical Fixed Telecommunications Network (AFTN).

2.2 In the event of natural disasters, or if AMHS/AFTN connections are not available, Aeronautical Meteorological Offices can send their OPMET to the Washington IROG via email. This tool is called eMail Data Input System (EDIS). Any Aeronautical Meteorological office can use this tool, and for some, it might be the only way they can send their METAR/TAF/SIGMET etc, as a backup for other locations.

2.3 General rules and application can be found here: <https://www.weather.gov/tg/emailingest>

2.4 Examples of the Attachment or eMail Body is below:

SMMF01 TFFR 010000  
AAXX 01124/  
78890 36/// /0508 10244 20209 30120 40158 53016/ 333  
10281 20228 58005=  
NNNN

NTUS99 KNCF 031430  
THIS IS A COMMUNICATIONS TEST MESSAGE ORIGINATING FROM THE NMTR  
SYSTEM IN SILVER SPRING IT IS SET TO TRANSMIT EVERY MINUTE  
24 HOURS PER DAY, SEVEN DAYS PER WEEK  
VIA A CRON JOB ON THE DS1-NMTR.ER SERVER.  
NNNN

For further information or help contact Mike Graf, Cell: +1 304-268-069, email: [michael.graf@noaa.gov](mailto:michael.graf@noaa.gov)

**3 ACTION BY THE MEETING**

3.1 The meeting is invited to note the information contained in this paper.