



| ICAO NAIROBI

UNITING AVIATION

General Overview: Readiness of AFI States to IWXXM

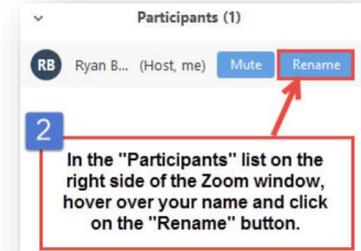
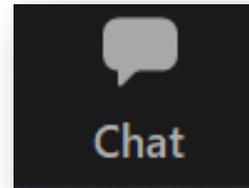
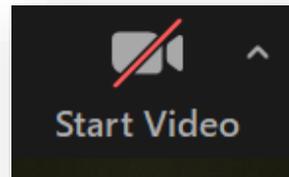
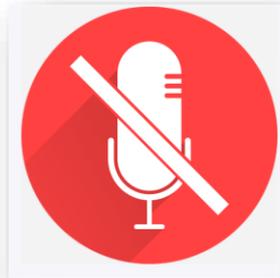
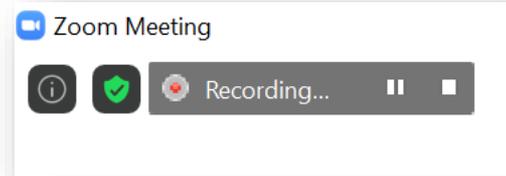
ICAO Secretariat

Regional Officer: MET/ENV (ESAF Office)

Ms. Chinga Mazhetese

Zoom meeting/ 15 Sept. 2020







- To develop capacity building for handling OPMET data in digital format in the AFI Region (APIRG 20/45);
- To assist AFI States in implementing OPMET information exchange in digital format in order to:
 - Increase awareness of users of the AFI Meteorological Bulletin Exchange (AMBEX) units on the exchange of OPMET data in digital format; and
 - expedite the implementation of the AFI Transition Plan for handling OPMET Information in Digital Format.

The screenshot shows a Zoom meeting invitation card. At the top left is the ICAO logo with the text 'ICAO OACI ICAO' and 'UNITE AVIATION'. To the right of the logo is the large text 'ICAO'. Below the logo and text are social media icons for Facebook, Twitter, LinkedIn, and Email. A green banner contains the text: 'This meeting is for users with a Zoom account. New to Zoom? [Sign up free.](#)' Below this banner is a table with the following information:

Topic	ICAO IWXXM Workshop (Dissemination of OPMET data in digital format) (ESAF, WACAF, MET Panel experts, WMO)
Time	Sep 15, 2020 08:00 AM Sep 16, 2020 08:00 AM
	Time shows in Universal Time UTC



Amendment 77 to ICAO Annex 3

Introduction of the exchange of OPMET messages in XML/ GML format
-recommendation to all States

Amendment 78 to ICAO Annex 3

(effective 16 July 2018), Introduced the ICAO Meteorological Information Exchange Model (IWXXM).

ICAO Development of guidance material (Doc 10003)

05 November 2020-
standard to all States
-dissemination of OPMET data in IWXXM format



GOAL

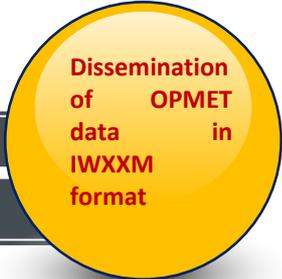
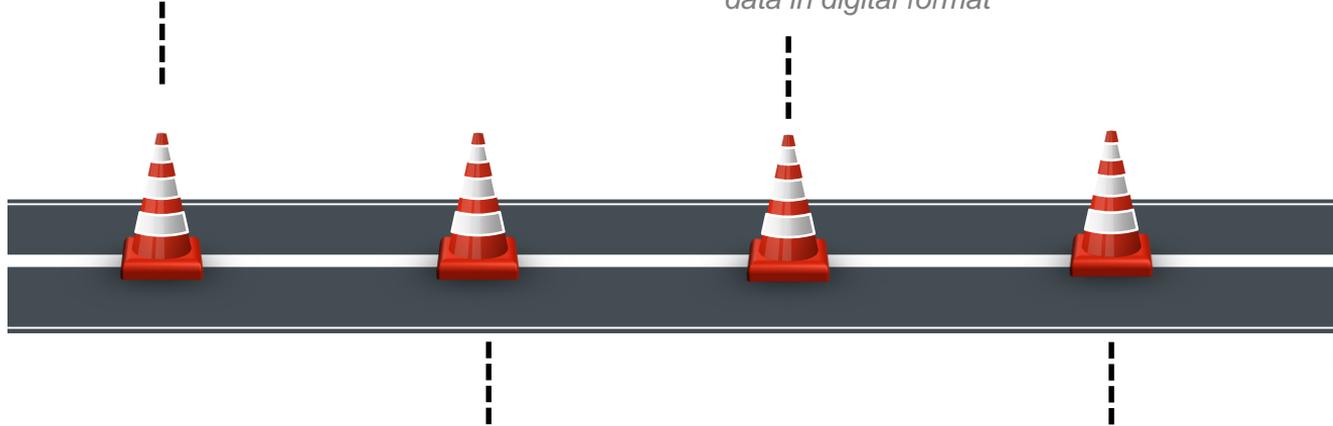


APIRG/19 Conclu. 19/44

Development of capabilities of handling OPMET information in digital format

APIRG 21 Conclu. 21/21

Exchange of OPMET data in digital format

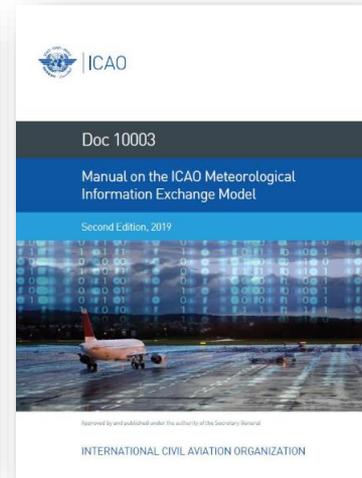
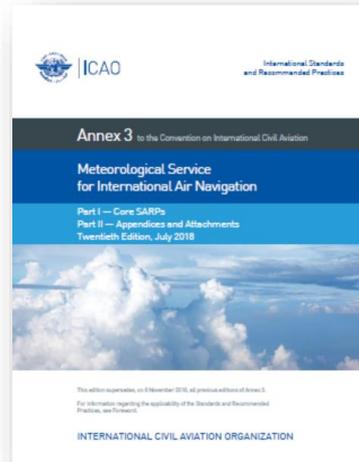


APIRG/20 Conclu. 20/44 *Transition Plan for handling OPMET Information in Digital Format in the AFI region*

20/45 *Training Seminars to develop capability building for handling OPMET data in digital format in the AFI Region*

APIRG/22

States and Administrations urged to develop capabilities for exchange of OPMET data in digital format



- Annex 3 and ICAO Doc 10003
 - guidance on the implementation of IWXXM:
 - Manual on the ICAO Meteorological Information Exchange Model (Doc 10003).



State Letter ES AN 8/6 – 0163 (05 March 2020)

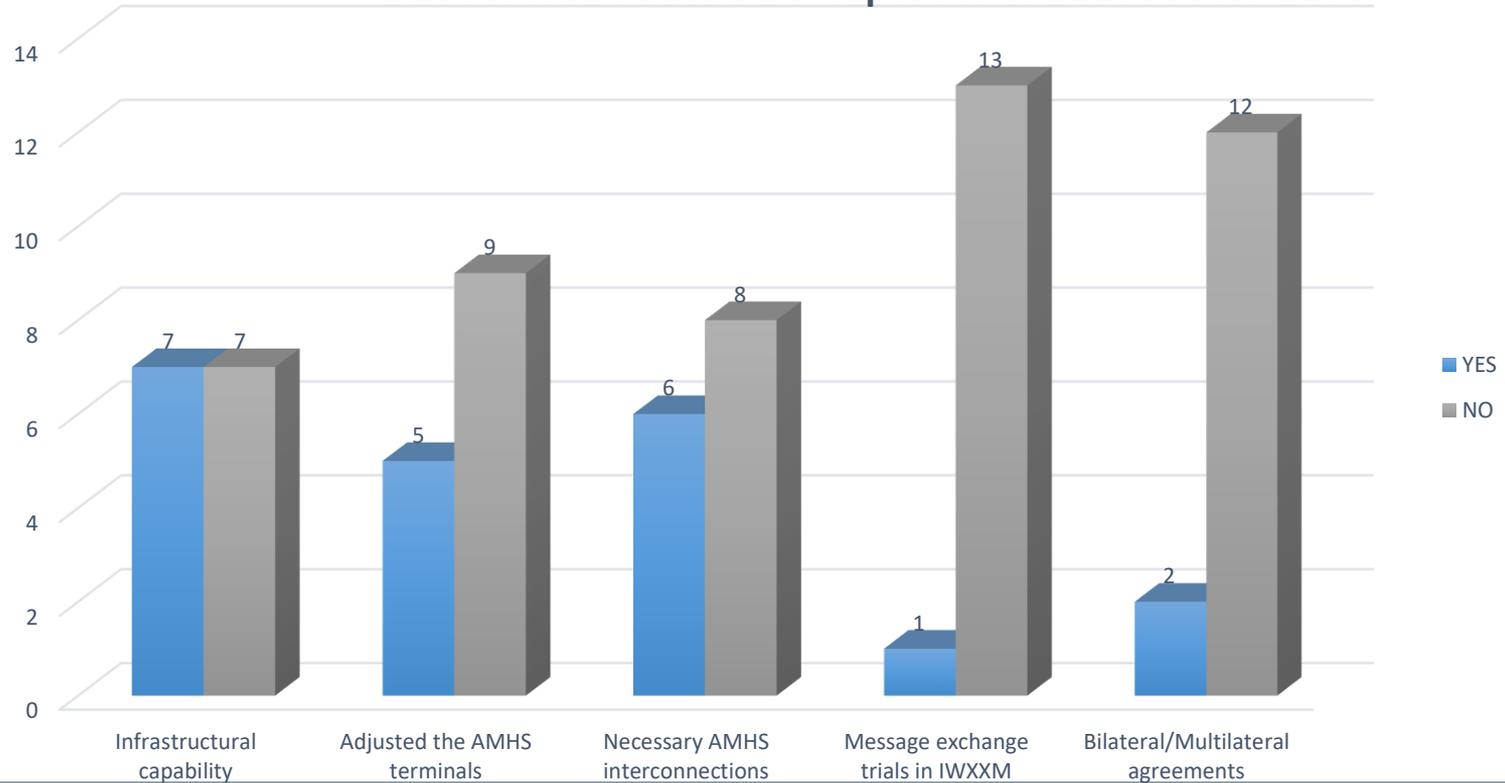
- Responses received from RODB Dakar and RODB Pretoria:
 - Both RODBs are ready

State Letter ES AN 8/6 – 0164 (05 March 2020)

- Responses received from States:
 - 14 States from WACAF and ESAF Regions



Current status based on responses to SL ES AN 8.6-0164





- **Training**
 - (States and stakeholders);
- **Acquiring infrastructure for the AMHS system**
 - Requests for assistance; and
- **Delays due to the COVID-19 pandemic;**



ICAO NAIROBI

UNITING AVIATION



ICAO

North American
Central American
and Caribbean
(NACC) Office
Mexico City

South American
(SAM) Office
Lima

ICAO
Headquarters
Montréal

Western and
Central African
(WACAF) Office
Dakar

European and
North Atlantic
(EUR/NAT) Office
Paris

Middle East
(MID) Office
Cairo

Eastern and
Southern African
(ESAF) Office
Nairobi

Asia and Pacific
(APAC) Sub-office
Beijing

Asia and Pacific
(APAC) Office
Bangkok



THANK YOU