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# Meeting on “Missing OPMET Data” in the AFI Region

## Overview on the Availability of OPMET Data in the AFI Region

*Presented by : ILBOUDO Goama, Regional Officer MET, WACAF Office*



# Agenda

- 1. OPMET data vs Basic Meteorological Data**
- 2. OPMET information and end Users**
- 3. OPMET availability requirements for AFI Region**
- 4. Aerodrome distribution by OPMET availability**
- 5. Questions for the Meeting**



# OPMET Data VS Basic Meteorological Data

**Operational meteorological (OPMET) information** comprises Observations of meteorological conditions and meteorological messages used primarily for Aircrafts Operations.

**VS**

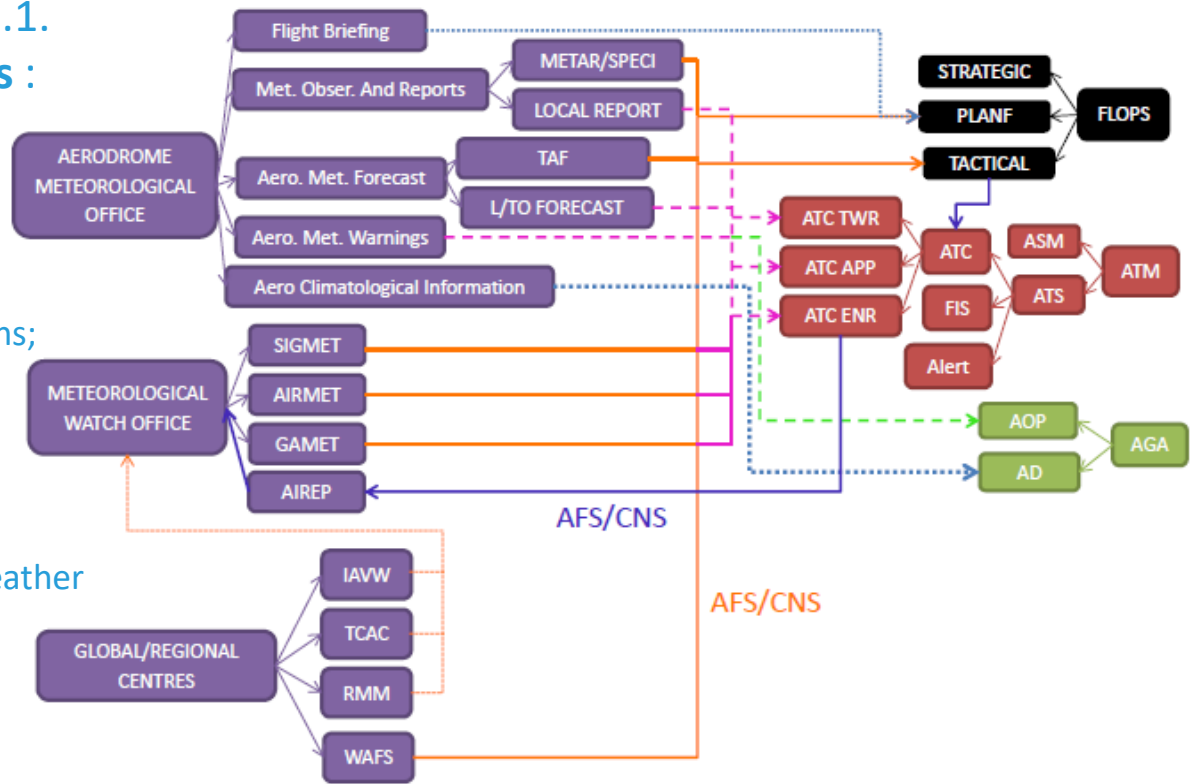
“**Basic meteorological data**” which consist of Observations used primarily for forecasting purposes

ICAO Doc 8896 Chap. 2: §2.1.1.

## OPMET information includes :

- Aerodrome reports;
- Landing forecasts;
- Aerodrome forecasts;
- Special aircraft observations;
- SIGMET and AIRMET information;
- Tropical cyclone;
- Volcanic ash and Space weather advisories; and
- WAFS forecasts.

## MET SUPPORT & END USERS





## Regional requirements related to the OPMET data availability

- **APIRG/20 Conclusion 20/43 – Action Plan to remove Air Navigation Deficiency in MET Field**

<b>OPMET Availability thresholds</b>	<b>Availability ≤ 50%</b>	<b>50% Availability ≤ 97%</b>	<b>Availability &gt; 97%</b>
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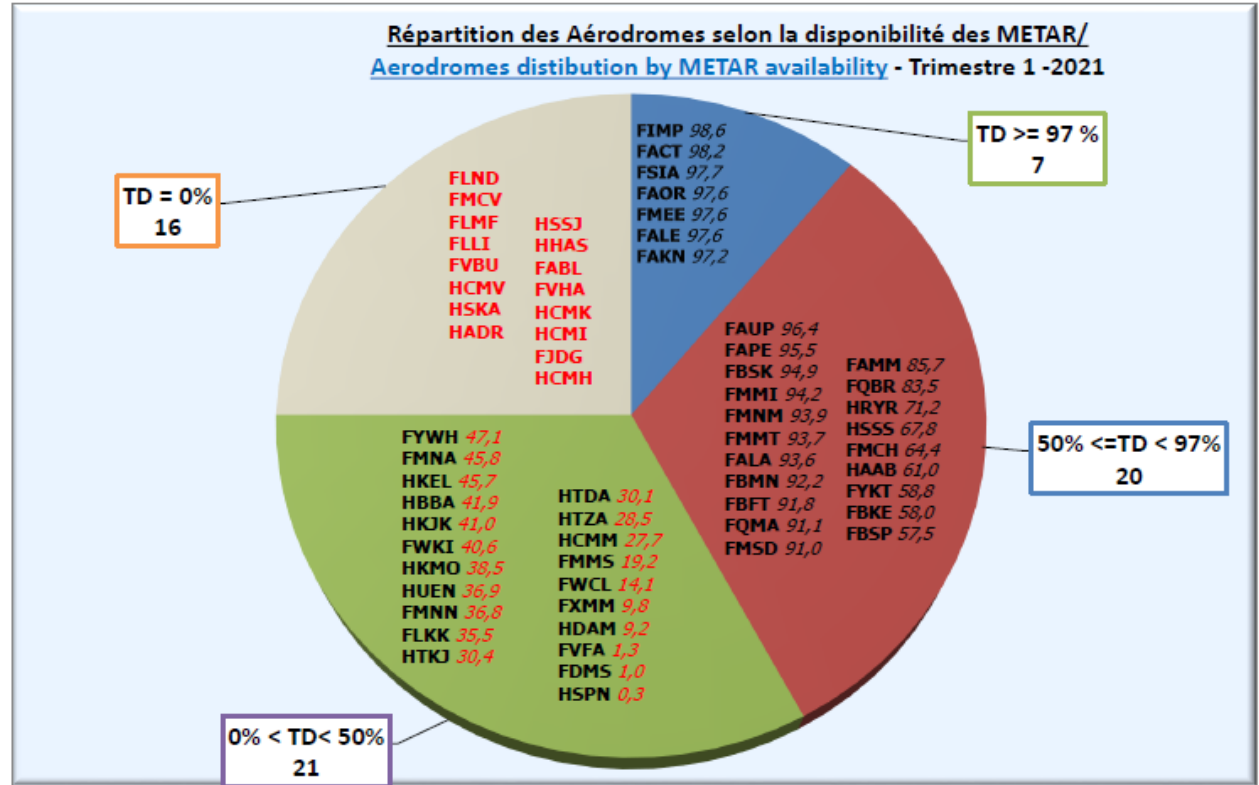
- **APIRG/21 Conclusion 21/24 – Availability of OPMET data at AFI Data Banks**

That, in order to improve the availability of OPMET data at AFI OPMET Data Banks;

- a) States should endeavour to make available OPMET Data at the two AFI OPMET Data Banks of Pretoria and Dakar, in compliance with APIRG Conclusion 20/43, for regional and Global distribution; and
- b) Follow-up actions to be identified to address deficiencies in OPMET reporting as a matter of urgency.

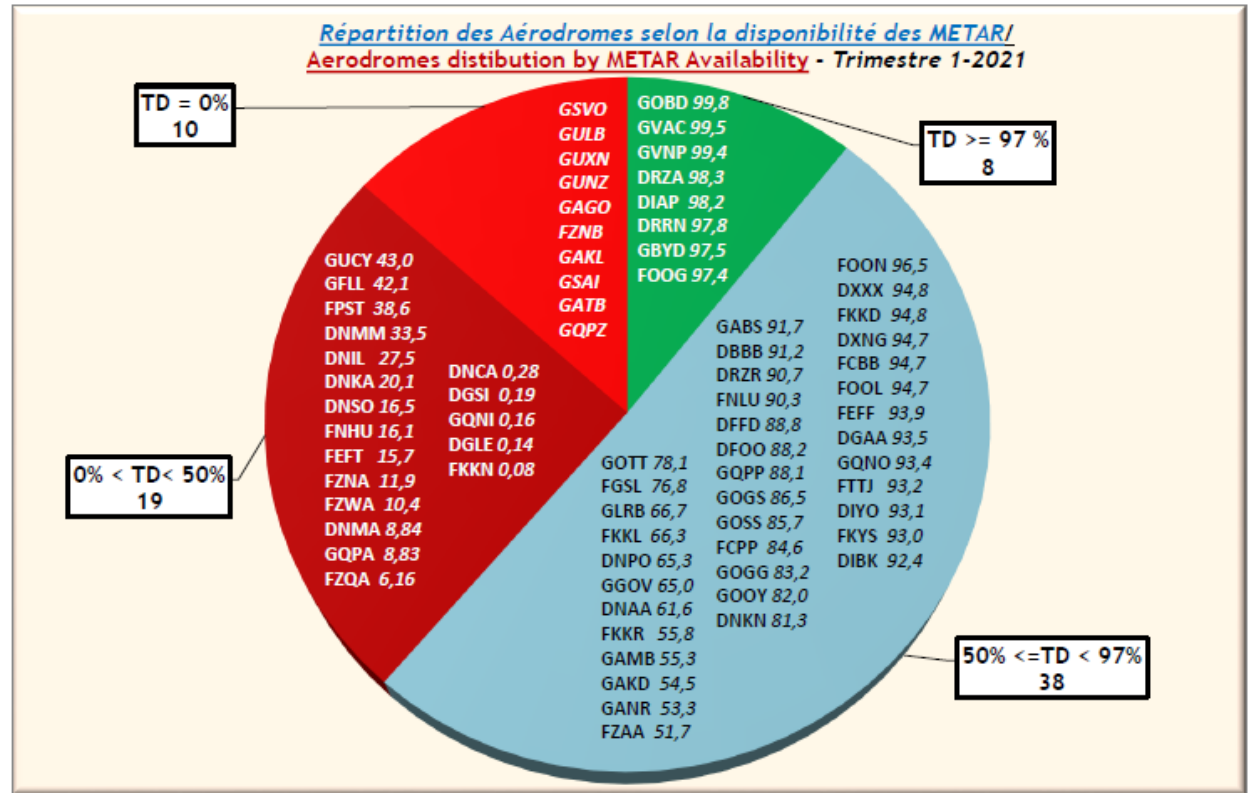
# Aerodrome distribution by METAR availability at AFI RODB Dakar, 1<sup>st</sup> Quarter, 2021

## ICAO ESAF States



# Aerodrome distribution by METAR availability at AFI RODB Dakar, 1<sup>st</sup> Quarter, 2021

## ICAO WACAF States

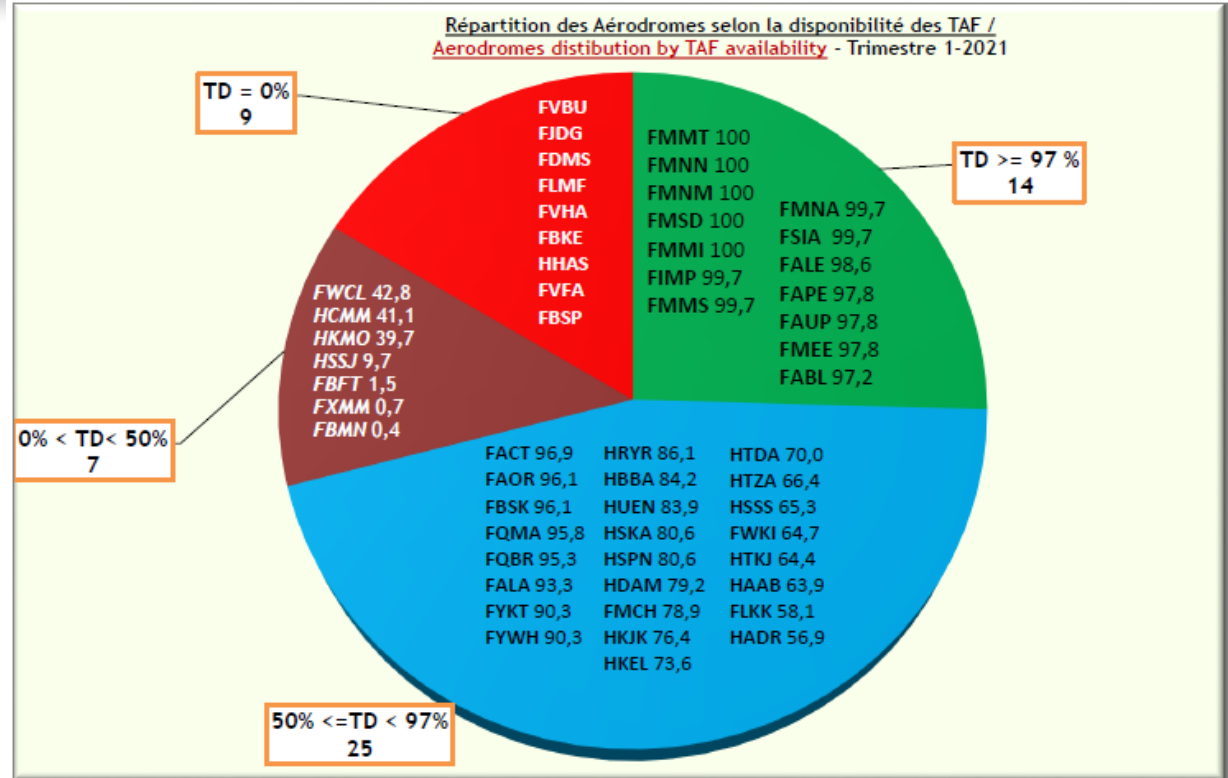




# Aerodrome distribution by TAF availability at AFI RODB Dakar, 1<sup>st</sup> Quarter, 2021

## ICAO ESAF States

ESAF AOP OPMET Availability at DAKAR R.O.D.B. / DISPONIBILITÉ À LA B.R.D.O. DE DAKAR DES OPMET DE LA RÉGION ESAF-AFI DE L'OACI

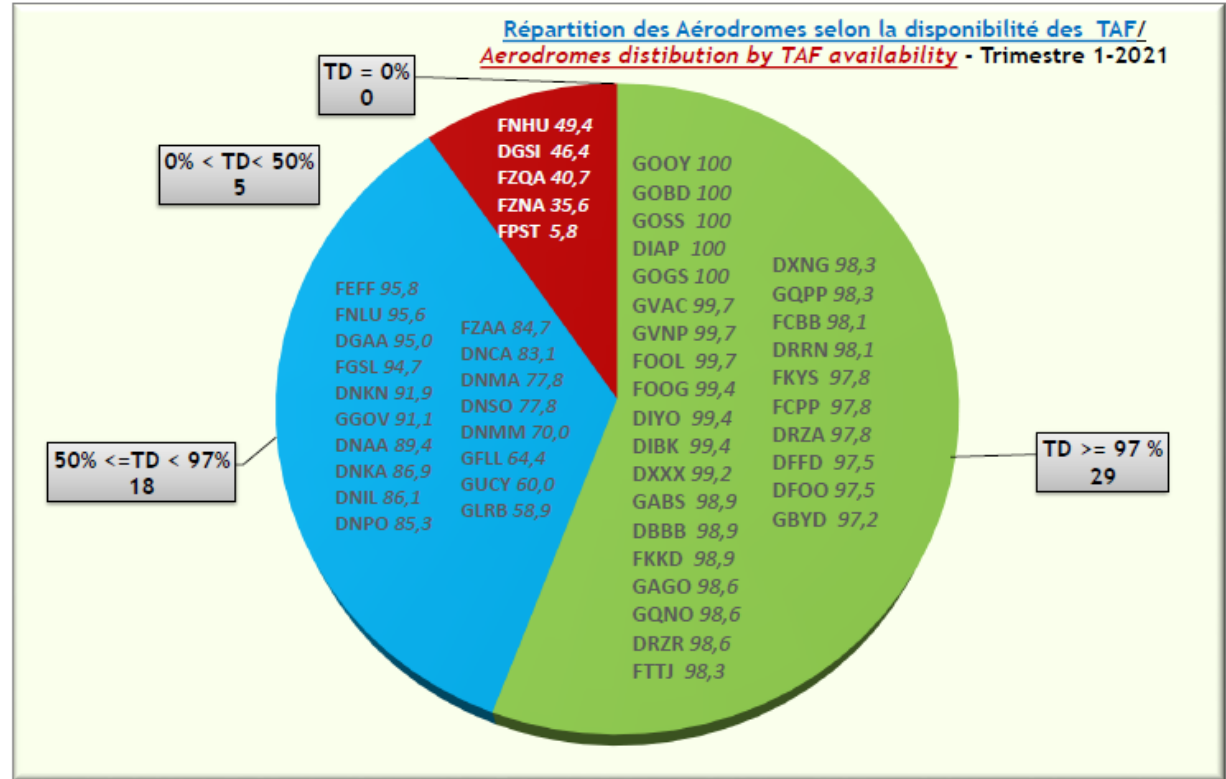




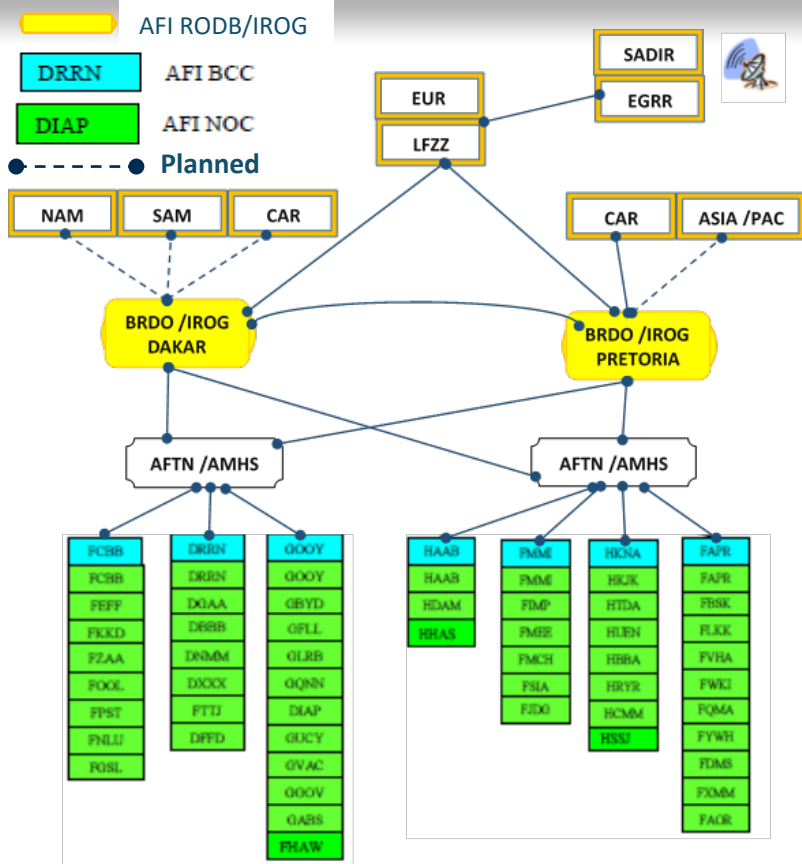
# Aerodrome distribution by TAF availability at AFI RODB Dakar, 1<sup>st</sup> Quarter, 2021

## ICAO WACAF States

WACAF AOP OPMET Availability at DAKAR R.O.D.B. / DISPONIBILITÉ À LA B.R.D.O. DE DAKAR DES OPMET DE LA RÉGION WACAF-AFI DE L'OACI

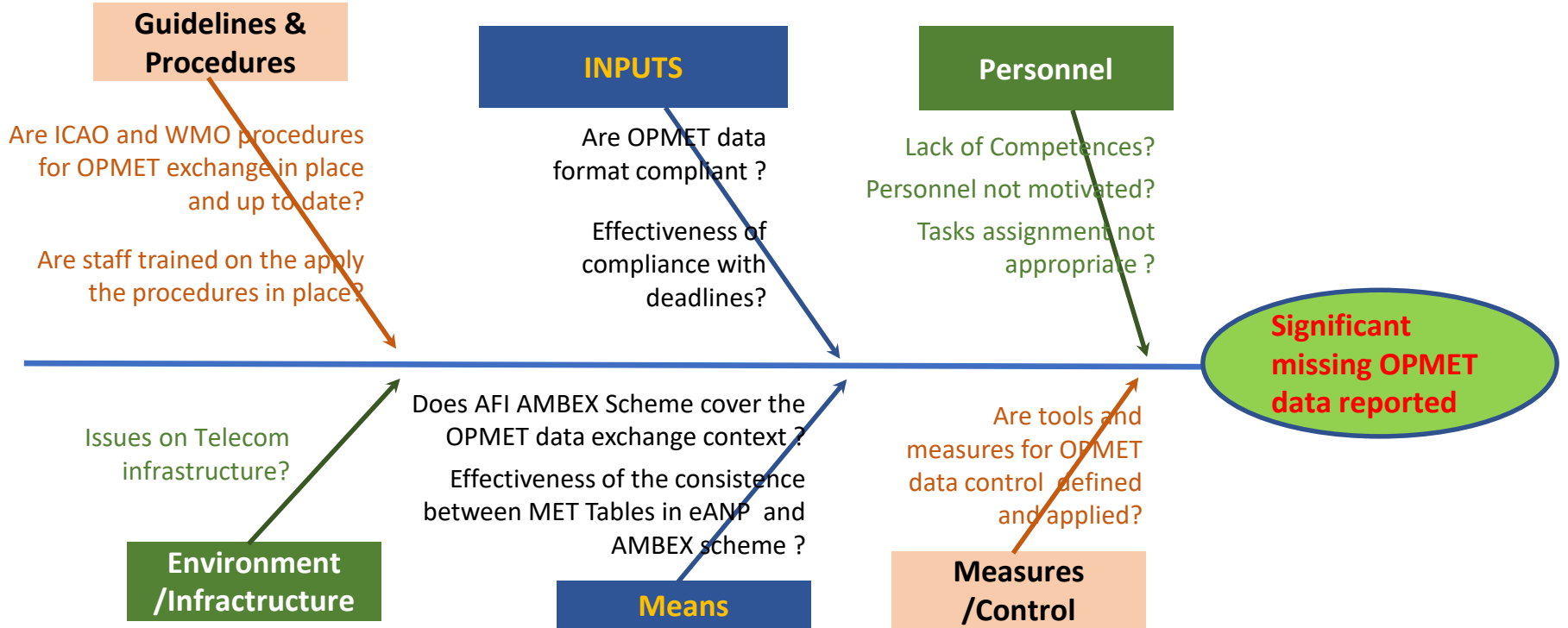


# ICAO AMBEX Scheme



- Preparation, issuance and dissemination of volcanic ash information (AFI eANP Vol I: §2.4, Table MET-1 refer) ; Doc 9766 Part 2 – ICAO VAACs and Area of Responsibility
- MWOs to maintain continuous watch on meteorological conditions affecting flight operations, prepare, issue and disseminate related messages (AFI eANP Vol II: §2.1, Table MET II-1 refer)
- Aerodrome meteorological offices to provide meteorological services to aviation as required in AFI eANP Vol II: §2, Table MET II-2.

## What are the route causes of the “Missing of OPMET data in the AFI Region ???”



## Actions to eliminate the causes of the missing of OPMET Data in the AFI Region

- 1) What are the route causes of the “Missing of OPMET data in the AFI Region” ?
- 2) Which appropriate actions to eliminate these causes



The Meeting to come up with an appropriation action plan



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THANK YOU