*International Civil Aviation Organization*

**MIDANPIRG Meteorology Sub-Group**
**Seventh Meeting (MET SG/7)**

***(Cairo, Egypt, 14–16 November 2017)***

**Agenda Item 4.4: Review and update of the MID Air Navigation Strategy parts related to MET**

# MID REGION AIR NAVIGATION STRATEGY
# B0-AMET ELEMENTS AND TARGETS

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents B0-AMET Elements and targets of the MID Region Air navigation Strategy (MID Doc 002), for review and update by the meeting.

Action by the meeting is at paragraph 3.

## 1. INTRODUCTION

1.1 The meeting may wish to note that the Global Air Navigation Plan (ICAO DOC 9750) includes the following Elements for the Module B0-AMET – *Meteorology information supporting enhanced operational efficiency and safety*:

a) forecasts provided by world area forecast centres (WAFCs), volcanic ash advisory centres (VAACs) and tropical cyclone advisory centres (TCAC);

b) aerodrome warnings to give concise information of meteorological conditions that could adversely affect all aircraft at an aerodrome, including wind shear; and

c) SIGMETs to provide information on occurrence or expected occurrence of specific en-route weather phenomena which may affect the safety of aircraft operations; and other operational meteorological (OPMET) information, including METAR/SPECI and TAF, to provide routine and special observations and forecasts of meteorological conditions occurring or expected to occur at the aerodrome.

## 2. DISCUSSION

1.2 The meeting may wish to recall that the revised MID Region Air Navigaton Strategy (MID Doc 002, Edition February 2017) was endorsed by MIDANPIRG/16 (MIDANPIRG Conclusion 16/3 refers). The revised MID Region Air Navigation Strategy includes three Elements for the B0-AMET: SADIS FTP, QMS and a new element related to the implementation of SIGMET (proposed by MET SG/6).

2.1 In order to include all B0-AMET Elements defined by the Global Air Navigation Plan

(ICAO DOC 9750) in the MID Region Air Navigation Strategy, it is proposed to add a new Element related to OPMET as at **Appendix A**.

2.2 The proposed target for OPMET is 95% of international aerodromes would provide OPMET (METAR and TAF) as required in eANP Table MET II-2 by December 2018. Note that TAF is not required for 4 aerodromes in the MID Region (OIYY-Iran, OJAQ-Jordan, HLLS-Libya and HSOB-Sudan) and therefore, only METAR would be measured for those airports.

## 3. ACTION BY THE MEETING

3.1 The meeting is invited to:

a) review and update the B0-AMET Table of the MID Region Air Navigation Strategy, at **Appendix A**; and

b) endorse, as appropriate, the inclusion of the proposed Element related to OPMET and associated performance indicators and targets.

---

| ***B0 – AMET: Meteorological information supporting enhanced operational efficiency and safety*** | | | | |
|---|---|---|---|---|
| **Elements** | **Applicability** | **Performance Indicators/Supporting Metrics** | **Targets** | **Remarks** |
| SADIS FTP | All States | Indicator: % of States that have implemented SADIS FTP service<br><br>Supporting metric: Number of States that have implemented SADIS FTP service | 100% By Dec. 2018 | Current status 12 out of 15 States (80%) |
| QMS | All States | Indicator: % of States having implemented QMS for MET<br><br>Supporting metric: number of States having implemented QMS for MET | 80% by Dec. 2018 | Current status 9 out of 15 States (60%) |
| SIGMET | All MWOs in MID Region | Indicator: % of FIRs in which SIGMET is implemented<br><br>Supporting metric: number of FIRs SIGMET is implemented | 100% by Dec. 2018 | Current status 12 out of 14 MWOs (86%) |
| OPMET | All international aerodromes | Indicator: % of international aerodromes where METAR is available<br><br>Supporting metric: number of international aerodromes where METAR is available | METAR: 95% by Dec. 2018 | Current status 50 out of 59 aerodromes (85%) |
| | All international aerodromes except OIYY, OJAQ, HLLS and HSOB | Indicator: % of international aerodromes where TAF is available<br><br>Supporting metric: number of international aerodromes where TAF is available | TAF: 95% by Dec. 2018 | Current status 46 out of 55 aerodromes (84%) |



- END -