International Civil Aviation Organization

MIDANPIRG Meteorology Sub-Group
Sixth Meeting (MET SG/6)

(Cairo, Egypt, 1–3 March 2016)

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

REVIEW AND UPDATE OF THE MID AIR NAVIGATION STRATEGY PARTS RELATED TO MET

(Presented by the Secretariat)

SUMMARY

This paper invites the meeting to review the performance frame work forms in the MET field.

Action by the meeting is at paragraph 3.

1. INTRODUCTION

1.1 The meeting will recall the new implementation methodology called Aviation System Block Upgrades which included module B0-AMET – *Meteorology information supporting enhanced operational efficiency and safety*. This module includes forecasts provided by WAFC, VAAC and TCAC as well as aerodrome warnings, SIGMETs, and OPMET information.

1.2 The meeting may recall that MIDANPIRG/14 endorsed the draft MID Region Air Navigation Strategy and tasked the different MIDANPIRG subsidiary bodies to further review and complete the Strategy (MIDANPIRG Concluson 14/6 refers). The MSG/4 meeting updated and endorsed the MID Region Air Navigation Strategy based on inputs from MIDANPIRG subsidiary bodies and other inputs from States and international organization (MSG Conclusion 4/3 refers). The high level implementation indicator associated with this module includes the percent of States having implemented SADIS/WIFS and percent of States having implemented QMS.

1.3 The meeting may also recall that the revised MID Region Air Navigation Strategy was endorsed as the framework identifying the regional air navigtion priorities, performance indicators and targets and was published as MID Doc 002 (MIDANPIRG Conclusion 15/10 refers). MID States were also urged to i) develop their National Air Navigation Performance Framework, ensuring the alignment with and support to the MID Region Air Navigation Strategy; and ii) provide the ICAO MID Regional Office, on an annual basis (by the end of November), with relevant data necessary for regional air navigation planning, reporting and monitoring.

1.4 Furthermore, Volume III of the new ANP to be implemented in early 2016 is linked to Key Peformance Indicators (KPI)s that measure implementation that may assist in focusing resources in implementation efforts.

2. DISCUSSION

2.1 The meeting will note that two KPI's were developed: number of States having implemented SADIS 2G satellite broadcast or Secure SADIS FTP service and number of States having implemented QMS for MET. In addition, a proposal to add two more KPI's for SIGMET and OPMET are highlighted yellow as provided at **Appendix A** for review by the meeting.

2.2 Implementation targets for the KPIs in MET include: 90 (100) % of States in the MID Region would implement SADIS 2G satellite broadcast or Secure SADIS FTP service by December 2015 (2017), and 60 (80) % of States in the MID Region would implement QMS for MET by December 2015 (2017). Note that after 31 July 2016, implementation of SADIS only applies to Secure SADIS FTP service due to the cessation of the SADIS 2G satellite broadcast.

2.3 The proposed KPI for SIGMET include: 90 (100) % of States in the MID Region would implement SIGMET by December 2016 (2017). Lastly, the proposed KPI for OPMET include: 98 (100) % of aerodromes would provide OPMET (METAR and TAF) as required in eANP Table MET II-2 by December 2016 (2017).

2.4 The meeting is invited to review the KPIs in MET as well as the implementation targets.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

a) note the contents in this paper; and

b) provide any input on MET performance framework forms in the MID Region.

APPENDIX A

Key Performance Indicators MET

Key Performance Indicators *supporting B0-MET – Meteorological information supporting enhanced operational efficiency and safety*

Applicability*: States*

B0 – AMET: Meteorological information supporting enhanced operational efficiency and safety				
Elements	***Applicability***	***Performance Indicators/Supporting Metrics***	***Targets***	***Remarks***
SADIS 2G and Secure SADIS FTP	***All*** *States*	Indicator: % of States having implemented SADIS 2G satellite broadcast or Secure SADIS FTP service Supporting metric: number of States having implemented SADIS 2G satellite broadcast or Secure SADIS FTP service	90% By Dec. 2015 100% By Dec. 2017	Current status 14 out of 15 States
QMS	***All*** *States*	Indicator: % of States having implemented QMS for MET Supporting metric: number of States with MWO(s) having implemented QMS for MET	60% By Dec. 2015 80% by Dec. 2017	Current status 7 out of 15 States
SIGMET	***All States except Qatar***	Indicator: % of States having implemented SIGMET Supporting metric: number of States (with MWO(s)) having implemented SIGMET	90% by Dec. 2016 100% by Dec. 2018	Current status 12 out of 14 States (86%)
OPMET	***All AOP aerodromes in MID Region***	Indicator: % of AOP aerodromes having implemented required OPMET (METAR and TAF) as per eANP Table MET II-2 requirements Supporting metric: number of aerodromes having implemented OPMET (METAR and TAF) as per eANP Table MET II-2 requirements	98% by Dec. 2016 100% by Dec. 2017 (for both METAR and TAF)	Current status 56 of 58 AOP aerodromes (METAR) (97%) Current status 52 of 54 AOP aerodromes (TAF) (96%) (needs verification by EUR DMG)

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