International Civil Aviation Organization

MIDANPIRG Meteorology Sub-Group
Twelfth Meeting (MET SG/13)

(Cairo, Egypt, 16–17 December 2025)

Agenda Item 4: MET Planning and Implementation issues – Performance Framework for MET implementation in the MID Region

ASBU THREAD AMET IMPMENTATION MONITORING: MID AIR NAVIGATION REPORT

(Presented by the Secretariat)

SUMMARY

This paper provides an update on the ASBU monitoring and reporting in the MID Region (AMET), through the MID Region Air Navigation Report and the MID eANP Volume III.

Action by the meeting is at paragraph 3.

REFERENCES

- MID Air Navigation Strategy
- MID Air Navigation Plan Volume III

1. INTRODUCTION

1.1 The meeting may wish to recall that the Web-based MID Region Air Navigation Report (2024) is available at: MID AN Report-2024-Final.pdf.

1.2 Furthermore, the MID eANP Volume III is posted at: MID ANP Volume III-2025 May.pdf.

2. DISCUSSION

2.1 The MIDANPIRG/22 meeting, through Conclusion 22/4, invited States to provide the ICAO MID Office, with necessary data by 31 December 2025 for the development of the MID Region Air Navigation Report (2025):

MIDANPIRG CONCLUSION 22/4: MID REGION AIR NAVIGATION REPORT (2025

That,

a) States urged to provide the ICAO MID Office with the following data for

the development of the MID Region Air Navigation Report-2025 by 31 December 2025;

i. the status of implementation of Priority 1 ASBU elements;

ii.. major achievements and success stories iii. information about any additional ASBU elements from Block 0, 1 and 2 that have been identified as a priority for implementation at National level; and

iii. progress achieved for the implementation of the Performance Based Approach and development of National Air Navigation Plan (NANP);

b) the MID Air Navigation Report (2025) be presented to the MIDANPIRG/23 for endorsement.

2.2 For the development of the MID Region Air Navigation Report (2025), States are reminded to provide the ICAO MID office with the level of implementation related to the AMET thread priority elements, by 31 December 2025, as per the updated method for estimating actual level of implementation.

2.3 The meeting may update the MET part of the Web-based MID Air Navigation Report (2025) and corresponding MID eANP Volume III (AMET Tables) as provided at **Appendix A**, which is subject to MIDANPIRG/25 endorsement.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

a) review and update the AMET thread priority elements in the MID Air Navigation Strategy and the Web-based MID Region Air Navigation Report (2024) and corresponding MID eANP Volume III (AMET Tables), at **Appendix A**; and

b) urge States to provide the ICAO MID Office, with relevant data necessary for the development of the MID Region Air Navigation Report (2024), by **31 December 2025**.

MID REGION ASBU Threads & Elements (AMET B0) Monitoring Table

Priority 1: Elements that have the highest contribution to the improvement of air navigation safety, capacity and/or efficiency in the MID Region. These elements should be implemented where applicable and will be used for the purpose of regional air navigation monitoring and reporting.

Priority 2: Elements recommended for implementation based on identified operational needs and benefits.

Priority 1 Thread: Any thread with at least 1 priority 1 element.

AMET					
Element	**Title**	**Applicability**	**Performance Indicators/**	**Performance Indicators/**	**Performance Indicators/**
AMET B0/1	Meteorological observations products	All states	Indicator*: Regional average implementation status of B0/1 (Meteorological observations products). Supporting Metrics: Number of States that provide the following Meteorological observations products, as required: 1. Automatic Weather Observation System (AWOS) information (including real-time exchange of wind and RVR data) 2. Local reports (MET REPORT/SPECIAL) 3. Aerodrome reports (METAR/SPECI) 4. Lightning Information 5. Ground-based weather radar information 6. Meteorological satellite imagery 7. Aircraft meteorological report (ie. ADS-B, AIREP, etc.) 8. Vertical wind and temperature profiles 9. Wind shear alerts	80%	Dec 2021
AMET B0/2	Meteorological forecast and warning products	All states	Indicator*: Regional average implementation status of B0/2 (Meteorological forecasts and warning products) Supporting Metrics: Number of States that provides the following Meteorological forecast and warning products, as required:	90%	Dec 2021

			1. World Area Forecast System (WAFS) gridded products 2. Significant Weather (SIGWX) 3. Aerodrome Forecast (TAF) 4. Trend Forecast (TREND) 5. Take-off Forecast 6. SIGMET 7. Aerodrome Warning 8. Wind Shear Warning		
AMET B0/3	Climatological and historical meteorological products	All states	Indicator: % of States that provide Climatological and historical meteorological products, as required. Supporting Metric: Number of States that provide Climatological and historical meteorological products, as required	85%	Dec 2021
AMET B0/4	Dissemination of meteorological products	All states	Indicator: % of States disseminating Meteorological products using a variety of formats and means (TAC, Gridded, Graphical, BUFR code, IWXXM) Supporting Metric: Number of States disseminating Meteorological products using a variety of formats and means (TAC, Gridded, Graphical, BUFR code, IWXXM)	85%	Dec 2021

AMET Implementation Level =

62.5758 % B0/1

State	AWOS	Local Report	Aerodrome report	Lighting info	Ground based weather radar info	MET SAT imagery	A/C met report	Vertical wind & Temp profile	Wind shear alert	Average
Bahrain	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%
Egypt	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%
Iran	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info
Iraq	Y	Y	Y	Y	N	N	N	N	N	44%
Jordan	Y	Y	Y	Y	Y	Y	Y	Y	N	89%
Kuwait	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%
Lebanon	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info
Libya	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info
Oman	Y	Y	Y	Y	Y	Y	Y	Y	Y	100%
Qatar	Y	Y	Y	N	Y	Y	Y	Y	Y	89%
Saudi Arabia	Y	Y	Y	Y	Y	Y	Y	Y	0.25Y	92%
Sudan	N	Y	Y	Y	N	Y	N	N	Y	56%
Syria	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info
UAE	Y	Y	Y	Y	Y	Y	Y	Y	.25Y	92%
Yemen	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info	No Info
Total average	60%	67%	67%	60%	53%	60%	53%	53%	43%	57%

B0/2

State	WAFS	SIGWX	TAF	Trend	Take-off forecast	SIGMET	AERODROME WARNING	Wind shear warning	Average
Bahrain	Y	Y	Y	Y	Y	Y	Y	Y	100%
Egypt	Y	Y	Y	Y	Y	Y	Y	Y	100%
Iran	No Info	No Info	Y	No Info	No Info	Y	No Info	No Info	25%
Iraq	N	N	Y	Y	N	Y	N	N	38%
Jordan	N	Y	Y	Y	Y	Y	Y	Y	88%
Kuwait	N	N	Y	Y	Y	Y	N	Y	63%
Lebanon	No Info	No Info	Y	No Info	No Info	Y	No Info	No Info	25%
Libya	Y	No Info	N	N	No Info	N	No Info	No Info	13%
Oman	Y	Y	Y	Y	Y	Y	Y	Y	100%
Qatar	Y	Y	Y	Y	Y	Y	Y	Y	100%
Saudi Arabia	Y	Y	Y	Y	Y	Y	Y	0.25Y	91%
Sudan	N	Y	Y	Y	No Info	Y	Y	Y	67%
Syria	No Info	No Info	N	N	No Info	N	No Info	No Info	0
UAE	Y	Y	Y	Y	Y	Y	Y	Y	100%
Yemen	No Info	No Info	N	N	No Info	N	No Info	No Info	0
Total average	47%	53%	80%	67%	53%	80%	53%	55%	61%

B0/3 & B0/4

State	B0/3	B0/4	Average
Bahrain	Y	Y	100%
Egypt	Y	0.5Y	75%
Iran	No info	0.5Y	25%
Iraq	No info	Y	50%
Jordan	Y	Y	100%
Kuwait	Y	0.5Y	75%
Lebanon	No info	0.5Y	25%
Libya	No info	N	0
Oman	Y	Y	100%
Qatar	Y	Y	100%
Saudi Arabia	Y	Y	100%
Sudan	N	N	0
Syria	No info	N	0
UAE	Y	Y	100%
Yemen	No info	N	0
average	53%	60.0%	57%

	Bahrain	Egypt	Iran	Iraq	Jordan	Kuwait	Lebanon	Libya	Oman	Qatar	Saudi Arabia	Sudan	Syria	UAE	Yemen
B0/1															
B0/2															
B0/3															
B0/4															
Average Impl.															

Average Regional Implementation is 58% 62.57%.

- END -