



International Civil Aviation Organization

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

(Cairo, Egypt, 16 – 17 December 2025)

Agenda Item 5: Review of air navigation deficiencies in the MET Field

MET DEFICIENCIES IN THE MID REGION

(Presented by the Secretariat)

SUMMARY

This paper provides the status of MET Deficiencies in the MID Region.

Action by the meeting is at paragraph 3.

REFERENCES

- MANDD
- MIDANPIRG/22 report

1. INTRODUCTION

1.1 The meeting may recall that MIDANPIRG/22 reviewed the contents of the MIDANPIRG Air Navigation Deficiency Database (MANDD) which contains a list of deficiencies that includes MET.

1.2 MIDANPIRG/22 meeting noted the implementation status of IWXXM v3.0 across the MID States. It was also noted that Bahrain, Jordan, Saudi Arabia, Qatar, and the UAE had completed implementation, with other States expected to follow in 2025. States that had not implemented IWXXM were urged to accelerate the implementation of IWXXM v3.0. Accordingly, the meeting agreed to the following MIDANPIRG Conclusion 22/29: That, States that have not implemented IWXXM for OPMET exchange as per ICAO and WMO provisions be included in the list of Air Navigation Deficiencies.

1.3 The meeting may note that the total number of MET deficiencies is twenty-four (24) priority “A” deficiencies. Five (5) related to QMS and nine (9) related to METAR, TAF, SIGMET, and WAFS, and ten (10) related to the IWXXM implementation for OPMET Data Exchange.

1.4 The meeting may also recall MIDANPIRG Conclusion 15/35 related to eliminating Air Navigation Deficiencies, and in particular, the submission of a specific Corrective Action Plan (CAP) for each deficiency.

2. DISCUSSION

2.1 The meeting is invited to provide any updates related to the deficiencies as provided at **Appendix A**. In addition, the meeting is invited to provide any other information related to new deficiencies identified.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review and update the list of deficiencies in the MET field, at **Appendix A**; and
- b) urge States to submit a specific Corrective Action Plan (CAP) for each deficiency, as appropriate.

APPENDIX A

Deficiencies in the MET Field

BAHRAIN

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action
No Deficiencies Reported									

⁽¹⁾ Rationale for non-elimination: “F”= Financial

“H”= Human Resources

“S”= State (Military/political)

“O”= Other unknown causes

Deficiencies in the MET Field

EGYPT

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action
1.	Annex 3 App 3 2.1.3 App 5 1.1.2 App 6 1.1.6 App 6 2.1.6	IWXXM translation	IWXXM is not implemented for OPMET Data Exchange	Sep 2025	The state provides no official corrective action plan	To implement IWXXM for OPMET Data Exchange, no corrective action plan is provided by the State	EGYPT	Dec 2025	A

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Deficiencies in the MET Field

IRAN

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action
1.	Annex 3 App 3 2.1.3 App 5 1.1.2 App 6 1.1.6 App 6 2.1.6	IWXXM translation	IWXXM is not implemented for OPMET Data Exchange	Sep 2025	The state provides no official corrective action plan	To implement IWXXM for OPMET Data Exchange, no corrective action plan is provided by the State	IRAN	Dec 2025	A

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Deficiencies in the MET Field

IRAQ

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 3; Para 2.2	QMS Implementation	Lack of Implementation of QMS	Sep 2014	-	O	Corrective Action Plan has not been formally provided by the State	Iraq	Dec 2022	A
2	Annex 3; Para 9.1.4, 9.3.1, 9.4.1 and Appendix 2, 2.1.1	WAFS forecasts required for briefing and flight documentation	SADIS FTP not available	January 2021	SADIS Provider	F	Corrective Action Plan has not been formally provided by the State	Iraq	Dec 2022	A
3	Annex 3 App 3 2.1.3 App 5 1.1.2 App 6 1.1.6 App 6 2.1.6	IWXXM translation	IWXXM is not implemented for OPMET Data Exchange	Sep 2025	The state provides no official corrective action plan	F	Corrective Action Plan has not been formally provided by the State	Iraq	Dec 2025	A

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Deficiencies in the MET Field

JORDAN

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action
No Deficiencies Reported									

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Deficiencies in the MET Field

KUWAIT

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action
1.	Annex 3 App 3 2.1.3 App 5 1.1.2 App 6 1.1.6 App 6 2.1.6	IWXXM translation	IWXXM is not implemented for OPMET Data Exchange	Sep 2025	The state provides no official corrective action plan	To implement IWXXM for OPMET Data Exchange, no corrective action plan is provided by the State	KUWAIT	Dec 2025	A

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Deficiencies in the MET Field

LEBANON

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 3; Para 2.2	QMS Implementation	Lack of Implementation of QMS	Sep 2014	(USOAP – CMA finding)	O	Corrective Action Plan has not been formally provided by the State	Lebanon	Dec 2022	A
2	Annex 3; Para 9.1.4, 9.3.1, 9.4.1 and Appendix 2, 2.1.1	WAFS forecasts required for briefing and flight documentation	SADIS FTP not available	May 2016	-	O	Corrective Action Plan has not been formally provided by the State	Lebanon	Dec 2022	A
3	Annex 3 App 3 2.1.3 App 5 1.1.2 App 6 1.1.6 App 6 2.1.6	IWXXM translation	IWXXM is not implemented for OPMET Data Exchange	Sep 2025	The state provides no official corrective action plan	F	Corrective Action Plan has not been formally provided by the State	Lebanon	Dec 2025	A

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Deficiencies in the MET Field

LIBYA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	Annex 3; Para 2.2	QMS Implementation	Lack of Implementation of QMS	Sep 2014	(USOAP – CMA finding)	O	Corrective Action Plan has not been formally provided by the State	Libya	Dec 2022	A
2	MID eANP VOL II, MET Table II-2	HLLB and HLLT METAR and 24-hour TAF; HLLS METAR	HLLB and HLLT METAR and 24-hour TAF; HLLS METAR not available internationally	Nov 2021	ROC Jeddah monthly OPMET monitoring	S	Corrective Action Plan has not been formally provided by the State	Libya	Dec 2022	A
3	Annex 3 App 3 2.1.3 App 5 1.1.2 App 6 1.1.6 App 6 2.1.6	IWXXM translation	IWXXM is not implemented for OPMET Data Exchange	Sep 2025	The state provides no official corrective action plan	F	Corrective Action Plan has not been formally provided by the State	Libya	Dec 2025	A

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Deficiencies in the MET Field

OMAN

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action
1.	Annex 3 App 3 2.1.3 App 5 1.1.2 App 6 1.1.6 App 6 2.1.6	IWXXM translation	IWXXM is not implemented for OPMET Data Exchange	Sep 2025	The state provides no official corrective action plan	To implement IWXXM for OPMET Data Exchange, no corrective action plan is provided by the State	OMAN	Dec 2025	A

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Deficiencies in the MET Field

QATAR

Item No	Identification		Deficiencies			Corrective Action			
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No Deficiencies Reported

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Deficiencies in the MET Field

SAUDI ARABIA

Item No	Identification		Deficiencies			Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action

No Deficiencies Reported

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Deficiencies in the MET Field

SUDAN

Item No	Identification		Deficiencies			Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action	
1	MID eANP VOL II, MET Table II-2	HSSK and HSPN METAR and 30-hour TAF; HSOB and HSNN METAR	HSSK and HSPN METAR and 30-hour TAF; HSOB and HSNN METAR not available internationally	Oct 2021	ROC Jeddah monthly OPMET monitoring	S	Corrective Action Plan has not been formally provided by the State	Sudan	Dec 2022	A
2	Annex 3 App 3 2.1.3 App 5 1.1.2 App 6 1.1.6 App 6 2.1.6	IWXXM translation	IWXXM is not implemented for OPMET Data Exchange	Sep 2025	The state provides no official corrective action plan	F	Corrective Action Plan has not been formally provided by the State	Sudan	Dec 2025	A

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Deficiencies in the MET Field

SYRIA

Item No	Identification		Deficiencies				Corrective Action			
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination		Description	Executing Body	Date of Completion	Priority for Action
1	MID eANP VOL II, MET Table II-2	OSAP METAR and 24-hour TAF	OSAP METAR and 24-hour TAF not available internationally	Nov 2013	-	O	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2022	A
2	Annex 3; Para 2.2	QMS Implementation	Lack of Implementation of QMS	Sep 2014	(USOAP – CMA finding)	O	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2022	A
3	Annex 3; Para 7.1	SIGMET Implementation	Non-Issuance of SIGMET information	Nov 2017	(USOAP – CMA finding)	O	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2022	A
4	Annex 3 App 3 2.1.3 App 5 1.1.2 App 6 1.1.6 App 6 2.1.6	IWXXM translation	IWXXM is not implemented for OPMET Data Exchange	Sep 2025	The state provides no official corrective action plan	F	Corrective Action Plan has not been formally provided by the State	Syria	Dec 2025	A

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Deficiencies in the MET Field

UAE

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No Deficiencies Reported

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Deficiencies in the MET Field

YEMEN

Item No	Identification		Deficiencies			Corrective Action				
	Requirement	Facilities/ Services	Description	Date First Reported	Remarks/ Rationale for Non-elimination	Description	Executing Body	Date of Completion	Priority for Action	
1	Annex 3; Para 2.2	QMS Implementation	Lack of Implementation of QMS	Sep 2014	-	F H	A contract is being signed with an external quality consultant to assist in establishment & implementation of QMS in the provision of MET service by the end of year 2022.	Yemen	Dec 2022	A
2	Annex 3; Para 7.1	SIGMET Implementation	Non-issuance of SIGMET information	Nov 2017	-	S	All OPMET (SIGMET) information is issued internally but not transmitted internationally due to war, considering a reconnection with another MET regional centre other than Jeddah.	Yemen	Dec 2022	A
3	MID eANP VOL II, MET Table II-2	OYAA METAR and 30-hour TAF; OYHD, OYRN, OYSN, OYTZ METAR and 24-hour TAF	OYAA METAR and 30-hour TAF; OYHD, OYRN, OYSN, OYTZ METAR not available internationally	Dec 2019	Annual OPMET monitoring	S	All OPMET information is issued internally but not transmitted internationally due to war, considering a reconnection with another MET regional centre other than Jeddah. OPMET for OYAA is received at ROC Jeddah via NOC Oman as of 22 October 2023. ROC Jeddah plans to distribute this information to other ROCs for global availability via SADIS.	Yemen	Dec 2022	A

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4	Annex 3 App 3 2.1.3 App 5 1.1.2 App 6 1.1.6 App 6 2.1.6	IWXXM translation	IWXXM is not implemented for OPMET Data Exchange	Sep 2025	The state provides no official corrective action plan	F	Corrective Action Plan has not been formally provided by the State	Yemen	Dec 2025	A

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Note:* Priority for action to remedy a deficiency is based on the following safety assessments:

'U' priority = Urgent requirements having a direct impact on safety and requiring immediate corrective actions.

Urgent requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is urgently required for air navigation safety.

'A' priority = Top priority requirements necessary for air navigation safety.

Top priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation safety.

'B' priority = Intermediate requirements necessary for air navigation regularity and efficiency.

Intermediate priority requirement consisting of any physical, configuration, material, performance, personnel or procedures specification, the application of which is considered necessary for air navigation regularity and efficiency.

Definition:

A deficiency is a situation where a facility, service or procedure does not comply with a regional air navigation plan approved by the Council, or with related ICAO Standards and Recommended Practices, and which situation has a negative impact on the safety, regularity and/or efficiency of international civil aviation.

- END -

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