



*International Civil Aviation Organization*

**AIR NAVIGATION SYSTEMS IMPLEMENTATION GROUP**

**Second Meeting (ANSIG/2)**  
*(Cairo, Egypt, 6 – 8 December 2016)*

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**Agenda Item 4.1: Air Navigation Strategy and Planning**

MID ELECTRONIC AIR NAVIGATION PLAN (MID eANP)

*(Presented by the Secretariat)*

**SUMMARY**

This paper provides an update on the MID Air Navigation Plan (MID eANP) with a focus on its Volume III.

Action by the meeting is at paragraph 3.

**REFERENCES**

- MID eANP
- MSG/5 Report

**1. INTRODUCTION**

1.1 The 12th Air Navigation Conference (AN-Conf/12), through Recommendation 6/1 [Regional performance framework – planning methodologies and tools], agreed that the regional air navigation plans (ANP) be aligned with the Fourth Edition of the Global Air Navigation Plan (GANP) (Doc 9750).

1.2 The ICAO Council approved the new eANP Template (Volumes I, II and III) and corresponding procedure for amendment on 18 June 2014 (202<sup>nd</sup> session, fourth meeting).

**2. DISCUSSION**

***Approval of the MID eANP VOL I, II and III***

2.1 The meeting may wish to recall that the MIDANPIRG/15 meeting reviewed and endorsed the MID eANP VOL I, II and III (MIDANPIRG/15 Conclusion 15/11 refers).

2.2 The meeting may wish to note that the MID eANP VOL I and II were approved on 21 December 2015 and 14 February 2016, respectively. Taking into consideration the MIDANPIRG/15 endorsement of the MID eANP and the standard procedure for amendment (related to Volume III), the notification of approval of the MID eANP Volume III was issued on 15 February 2016. The MID Region was the first Region that completed the transition from the old Basic ANP and FASID to the new eANP format by 15 February 2016.

2.3 The MID eANP Volume I, II and III are available on the ICAO MID website at: <http://www.icao.int/MID/Pages/MIDeANP.aspx>

2.4 The meeting may wish to note that a meeting of the Global eANP WG is tentatively scheduled for July 2017 in order to further review the eANP template approved by the ICAO Council and make proposals for improvement, as deemed necessary, in particular for the “General Regional Requirements” parts. The eANP WG would also identify the tools and features to be developed on the eANP online framework, taking into consideration stakeholders needs. The issue of FIRs/UIRs boundary coordinates (Tables ATM I-1 *MID Region Flight Information Regions (FIRs)/ Upper Information Regions (UIRs) and SAR I-1 MID Region Search and Rescue Regions (SRRs)*); and the FIR Boundary coordinates/descriptions will be also addressed by the eANP WG at global level.

### ***FIR Boundary Descriptions***

2.5 The meeting may wish to note that the MID eANP was published without the FIRs/UIRs boundary coordinates (Tables ATM I-1 MID Region Flight Information Regions (FIRs)/ Upper Information Regions (UIRs) and SAR I-1 MID Region Search and Rescue Regions (SRRs)); and the FIR Boundary coordinates/descriptions will be published at a later stage.

2.6 The meeting may wish to recall that the AIM SG/2 meeting (Kish Island, Iran, 31 August-2 September 2015) reviewed the Guidelines for the publication of FIR boundary points and agreed that the Guidelines should be taken into consideration in the publication of the FIR boundary points in the AIPs.

2.7 The ATM SG/2 meeting (Cairo, Egypt, 30 November-3 December 2015) further reviewed Table ATM I-1 *MID Region Flight Information Regions (FIRs)/Upper Information Regions (UIRs)*, highlighting the inconsistencies between adjacent FIRs. The subject will be further followed-up by the ATM Sub-Group.

### ***Procedure/mechanism for the amendment of the MID eANP***

2.8 The meeting may wish to recall that the eANP Volume III contains dynamic/flexible plan elements related to the implementation of the air navigation system and its modernization in line with the ICAO Aviation System Block Upgrades (ASBUs) and associated technology roadmaps described in the Global Air Navigation Plan (GANP).

2.9 The information contained in Volume III is related mainly to:

- Planning: objectives set, priorities and targets planned at regional or sub-regional levels;
- Implementation monitoring and reporting: monitoring of the progress of implementation towards targets planned. This information should be used as the basis for reporting purposes (i.e.: global and regional air navigation reports and performance dashboards); and/or
- Guidance: providing regional guidance material for the implementation of specific system/procedures in a harmonized manner.

2.10 The management of Volume III is the responsibility of the MIDANPIRG. Volume III should be used as a tool for monitoring and reporting the status of implementation of the elements planned here above, through the use of tables/databases and/or references to online monitoring tools,

as endorsed by MIDANPIRG. The status of implementation is updated on a regular basis as endorsed by MIDANPIRG.

2.11 The meeting may wish to note that the MSG/5 meeting agreed that amendment of Volume III of the MID eANP should be effected on the basis of an adequately documented proposal submitted to the ICAO MID Regional Office by:

- a State (or a group of States); or
- MIDANPIRG or its Subsidiary Bodies; or
- the ICAO Secretariat; or
- International Organizations directly concerned with the operation of aircraft.

2.12 If the proposal concerns an amendment of the provisions in Part 0 - "Introduction" or Part I - "General Planning Aspects" of Volume III, the ICAO MID Regional Office will submit the proposal to ICAO Headquarters (Air Navigation Bureau) for coordination with all ICAO Regional Offices. The views of the ICAO Regional Offices will be taken into consideration in the consolidation/approval of the amendment by ICAO HQ. The approved amendment will be published in Volume III of all regional plans at convenient intervals.

2.13 The meeting may wish to recall that the MSG/5 meeting agreed that a mechanism for the amendment of the MID eANP Volume III Part II - "Air Navigation System Implementation" should be developed, endorsed by MIDANPIRG and reflected in the MIDANPIRG Procedural Handbook. The meeting agreed that the mechanism would be developed by the ICAO MID Regional Office in coordination with concerned parties, and should include the following:

- Collection of information/initiation of amendment;
- Validation of the information (different layers of validation might be needed);
- Notification of change/consultation, as deemed necessary;
- Amend Volume III

2.14 The meeting may wish to note that one of the objectives of the development of the new eANP was the provision of online tools which support the amendment of the dynamic data (with different layers of approval) in an easy and timely manner. Accordingly, the development of the mechanism for the amendment of the MID eANP Volume III Part II - "Air Navigation System Implementation" and its automation should be closely coordinated with ICAO HQ and all the ICAO Regions.

2.15 The meeting may wish to recall that the MSG/5 meeting agreed that in order to facilitate the coordination of all issues related to the MID eANP (collection and validation of information, notification of the changes/consultation, as deemed necessary, etc.), States should assign a focal point and agreed on the following MSG Conclusion:

*MSG CONCLUSION 5/2: MID eANP FOCAL POINTS*

*That, States be urged to assign a MID eANP focal point to be the main point of contact for all issues related to the MID eANP, including the validation of amendments to Volume III Part II - "Air Navigation System Implementation".*

2.16 The ICAO MID Regional Office, as a follow-up action to the MSG Conclusion 5/2, issued State Letter Ref.: AN 9/2.1-16/155 dated 9 June 2016, urging States to provide the ICAO MID Regional Office with your eANP Focal Points (FPPs) to be the main point of contact for all issues related to the MID eANP, including the validation of amendments to Volume III Part II - "Air

Navigation System Implementation”, not later than **31 July 2016**. However only six (6) States (Egypt, Jordan, Kuwait, Saudi Arabia, Sudan and UAE) replied to the State Letter and nominated their eANP Focal Points. The list of eANP Focal Points is at **Appendix A**.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) review and update the list of eANP Focal Points at **Appendix A**;
- b) review and update, as necessary, the MID eANP Volume III; and.
- c) agree on the on the mechanism for the amendment of the MID eANP Volume III Part II - Air Navigation System Implementation.

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**APPENDIX A**

**MID eANP FOCAL POINTS**

	States	Main Focal Point		
		Name	Title	Email/Tel/Mobile
1	<b>Bahrain</b>			
2	<b>Egypt</b>	Khaled Reda		Khaled.reda@civilaviation.gov.eg 01005648346
3	<b>Iran</b>			
4	<b>Iraq</b>			
5	<b>Jordan</b>	Daoud Abu-Hussein	Planning and studies Director	Daoud@carc.gov.go Mob: 00962795885779 Tel:+96264799145
6	<b>Kuwait</b>	Adel S. Boresli	Director Air Navigation	as.buresli@dgca.gov.kw
7	<b>Lebanon</b>			
8	<b>Libya</b>			
9	<b>Oman</b>			
10	<b>Qatar</b>			
11	<b>Saudi Arabia</b>	Adnan Alhendi		aalhendi@gaca.gov.sa Mob: +966599993215
12	<b>Sudan</b>	Abdulmonem Elsheikh Ahmed	ANS Director	aelsheikh78@gmail.com; a.elshiekh@scaa.gov.sd Mob: +249914101300
13	<b>Syria</b>			
14	<b>UAE</b>	Robert Novac Bara	ANS inspector (AIM)	rbara@gcaa.gov.ae Mob: +971565015900
15	<b>Yemen</b>			

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