



*International Civil Aviation Organization*

**Eighth Meeting of the Performance Based Navigation Sub-Group  
(PBN SG/8)**

*(Doha, Qatar, 5 - 6 December 2023)*

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**Agenda Item 2: Follow-up on MIDANPIRG/20 Conclusions and Decisions relevant to PBN**

**FOLLOW-UP ON MIDANPIRG/20 CONCLUSIONS AND DECISIONS  
RELEVANT TO PBN**

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents MIDANPIRG/20 Conclusions and Decisions relevant to PBN and the follow-up actions taken.

Action by the meeting is at paragraph 3.

**REFERENCE**

- MIDANPIRG/20 Report

**1. INTRODUCTION**

1.1 The MIDANPIRG/20 meeting was held in Muscat, Oman, 14 to 17 May 2023. The meeting adopted 54 Conclusions and Decisions, 10 Conclusions and 1 Decision are of interest to the PBN Sub Group.

1.2 It should be recalled that the PBN Sub-Group is tasked to follow-up on the implementation issues related to PBN and to inform MIDANPIRG on progress, achievement, and problems being encountered.

**2. DISCUSSION**

2.1 This paper provides the meeting with an update on the status of MIDANPIRG/20 Conclusions and Decisions related to PBN. It also shows the follow-up actions taken by concerned parties as at **Appendix A**.

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to note the follow-up action on the list of Conclusions and Decisions at **Appendix A**; and provide updates as appropriate.

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APPENDIX 2A

FOLLOW-UP ACTION PLAN ON MIDANPIRG/20 CONCLUSIONS & DECISIONS

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 20/7	<p><b>REVISED MID AIR NAVIGATION STRATEGY</b></p> <p>That, the Revised MID Air Navigation Strategy (Doc 002) is endorsed and be published by the ICAO MID Office.</p>	<p>Identification of priority 1 ASBU threads/elements, their baseline and linked KPA/KPI, monitoring and reporting at Regional level.</p>	<p>Revised MID Air Navigation Strategy (ICAO MID DOC 002)</p>	<p>ICAO</p>	<p>May. 2023</p>	<p><b>Completed</b></p> <p>Revised MID Air Navigation Strategy (ICAO MID DOC 002) is posted and accessible through : <a href="https://www.icao.int/MID/MIDANPIRG/Documents/eDocuments/MID%20Doc%20002%20-%20MID%20Air%20Navigation%20Strategy%20-%20Feb%202021.pdf">https://www.icao.int/MID/MIDANPIRG/Documents/eDocuments/MID%20Doc%20002%20-%20MID%20Air%20Navigation%20Strategy%20-%20Feb%202021.pdf</a></p>
C. 20/8	<p><b>REVISED MID ANP VOL III</b></p> <p>That, the Revised MID ANP Vol III is endorsed and be published by the ICAO MID Office.</p>	<p>Need to update the ANP Vol III to align with the GANP and the Performance Based Approach</p>	<p>Revised MID ANP Vol III</p>	<p>ICAO</p>	<p>May. 2023</p>	<p><b>Completed</b></p> <p>Revised MID ANP Vol III is endorsed and published : <a href="https://www.icao.int/MID/Documents/eANP/MID%20eANP%20VOL%20III.pdf">https://www.icao.int/MID/Documents/eANP/MID%20eANP%20VOL%20III.pdf</a></p>
C. 20/10	<p><b>WEB-BASED MID REGION AIR NAVIGATION REPORT - 2022</b></p> <p>That, the Web-based MID Air Navigation Report (2022) is endorsed.</p>	<p>To publish the status of ASBU implementation in the MID Region for 2022</p>	<p>MID Air Navigation Report (2022)</p>	<p>ICAO</p>	<p>May. 2023</p>	<p><b>Completed</b></p> <p>MID Air Navigation Report (2022) is published and accessible through <a href="https://www.icao.int/MID/Documents/2023/AN%20Report%202022/MID%20AN%20Report%202022-V0.4-Kaveh-MS%20inputs-27Nov23.pdf">https://www.icao.int/MID/Documents/2023/AN%20Report%202022/MID%20AN%20Report%202022-V0.4-Kaveh-MS%20inputs-27Nov23.pdf</a></p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C 20/11	<p><b>WEB-BASED MID REGION AIR NAVIGATION REPORT (2023)</b></p> <p>That,  a) States be invited to provide the ICAO MID Office with the following data for the development of the MID Region Air Navigation Report (2023) by 1 December 2023:  i. Status of ASBU Implementation; and  ii. States' implementation of the Performance Based approach using the agreed Template as at Appendix 6.1A  b) the MID Air Navigation Report (2023) be presented to the MIDANPIRG/21 for endorsement.</p>	Monitoring and Reporting on ASBU and PBA implementation in the MID Region	State Letter	ICAO	November 2023	<b>On-going</b>
C 20/18	<p><b>NOTAM TEMPLATE FOR GNSS INTERFERENCE</b></p> <p>That, the NOTAM template at Appendix 6.2A be used to disseminate information on GNSS Interference.</p>	To provide States with a standard NOTAM template to be used for GNSS Interference to facilitate operators in filtering and searching through the NOTAM on GNSS Interference	NOTAM template for GNSS RFI	ICAO	May 2023	<b>Completed</b> State Letter Ref.: AN 8/2.1-23/165 dated 10 August 2023
C 20/20	<p><b>CCO/CDO PUBLICATION, CHARTING &amp; DATABASE CODING</b></p> <p>That, the AIP CCO/CDO material, structure and content along with the Database coding and Charting at Appendix 6.2C are recommended for the dissemination of information on CCO/CDO.</p>	Support States' ANS to publish CCO/CDO information (text and Charts) so text be easily found in the States AIPs	Guidance material related to the publication of CCO/CDO information (text and Charts)	ICAO	May 2023	<b>Actioned</b> State Letter Ref.: AN 8/2.1-23/166 dated 10 August 2023

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C 20/23	<p><b>WEBINAR ON THE UPDATES TO THE PBN MANUAL – 5TH EDITION</b></p> <p>That, ICAO MID organize a Webinar on the new edition of PBN Manual Doc 9613 (ED5) in 2023.</p>	<p>To provide insights on key changes to the edition 5 of the PBN manual Doc9613</p>	<p>Webinar on the new edition of PBN Manual Doc 9613 (ED5) in 2023</p>	<p>ICAO</p>	<p>November 2023</p>	<p><b>On-going</b></p> <p>The Webinar is planned for 2024</p>
C 20/24	<p><b>PBN AIRSPACE DESIGN WORKSHOP</b></p> <p>That:</p> <p>a) ICAO MID in collaboration with the MID FPP, organize a PBN Airspace Design Workshop in 2023-2024, to provide necessary knowledge about PBN based solutions for airspace design to ensure an efficient, flexible, and dynamic airspace structure that meets Stakeholders requirements in terms of safety, flight efficiency and capacity in a cost-effective manner; and</p> <p>b) States and International Organizations are strongly encouraged to participate actively in this Workshop.</p>	<p>To provide States with a thorough understanding of airspace design requirements; focusing on PBN based solutions and to promote the sharing of good practices.</p>	<p>PBN Airspace Design Workshop</p>	<p>ICAO</p>	<p>December 2023</p>	<p><b>Completed</b></p>
C 20/25	<p><b>REVISED VERSION OF THE MID REGION PBN IMPLEMENTATION PLAN (DOC 007)</b></p> <p>That, the revised version of MID Region PBN Implementation Plan (Doc 007) at Appendix 6.3A is endorsed.</p>	<p>To keep pace with the developments, including the GANP 6th Edition and the MID Region Air Navigation Strategy (MID Doc 002, Edition February 2021);</p>	<p>Updated version of the MID Region PBN Implementation Plan (MID Doc 007)</p>	<p>ICAO</p>	<p>May 2023</p>	<p><b>Completed</b></p> <p>MID Doc007 is published and accessible through <a href="https://www.icao.int/MID/MIDAN_PIRG/Documents/eDocuments/MID%20Doc%20007%20-%20MID%20Region%20PBN%20Implementation%20Plan-%20May%202023.pdf">https://www.icao.int/MID/MIDAN_PIRG/Documents/eDocuments/MID%20Doc%20007%20-%20MID%20Region%20PBN%20Implementation%20Plan-%20May%202023.pdf</a></p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C 20/26	<p><b>PBN CAPACITY-BUILDING AND ASSISTANCE ACTIVITIES</b></p> <p>That, States are encouraged to inform the ICAO MID Office under the MEP framework of their needs in terms of PBN capacity-building and required assistance activities, including PBN National Workshops to provide specific guidance related to PBN planning, implementation, including improvement of practices in PBN Design, operational approval, and continuous oversight.</p>	To identify MID States specific needs for technical support, capacity-building and required assistance activities	To inform the ICAO MID Office of specific needs in terms of PBN capacity-building and assistance activities	MID States	May 2023	<p><b>Actioned</b></p> <p>State Letter Ref.: AN 6/28-23/167 dated 14 August 2023</p>
D 20/46	<p><b>NAVMON PLAN TEMPLATE</b></p> <p>That, in order to develop the NAV MON Plan template, the ATM SG, CNS SG and PBN SG be tasked to review and update, as deem necessary, the NAV MON Plan Template to be presented to MIDANPIRG/21 for further review and endorsement.</p>	to review and update, as deem necessary, the NAV MON Plan Template	NAV MON Template	PBN SG	December 2023	<p><b>On-going</b></p> <p>Update is provided in WP/14</p>