



International Civil Aviation Organization

MIDANPIRG/22 & RASG-MID/12 Meetings

(Doha, Qatar, 4 – 8 May 2025)

Agenda Item 5.1: Follow-up on the MIDANPIRG/21 Conclusions and Decisions

FOLLOW-UP ON THE MIDANPIRG/21 CONCLUSIONS AND DECISIONS

(Presented by the Secretariat)

SUMMARY
<p>This paper presents the status of MIDANPIRG/21 Conclusions and Decisions and the follow-up actions taken by concerned parties.</p> <p>Action by the meeting is at paragraph 3</p>
REFERENCE
<p>- MIDANPIRG/21 & RASG-MID/11 (Abu Dhabi, UAE, 4 – 8 March 2024) meeting report</p>

1. INTRODUCTION

1.1 The MIDANPIRG/21 meeting was held in Abu Dhabi, UAE, Hosted by GCAA/UAE, during the period 4 – 8 March 2024. The meeting was attended by a total of One Hundred and Ninety-Six (196) participants from fifteen (15) States (Bahrain, Egypt, Iran, Iraq, Jordan, Kuwait, Lebanon, Libya, Oman, Qatar, Saudi Arabia, Sudan, Syria, UAE and USA) and seven (7) International Organizations/Industries (ICAO, BOEING, CANSO, ENAV, IATA, IFALPA and MIDRMA).

2. DISCUSSION

2.1 Based on the outcome of the different MIDANPIRG subsidiary bodies and the feedback received from States, the MIDANPIRG/21 endorsed 33 Conclusions and Decisions; an updated status and follow-up actions on list of Conclusions and Decisions is attached at **Appendix A**.

3. ACTION BY THE MEETING

3.1 The meeting is invited to note the progress made for the implementation of the MIDANPIRG/21 Conclusions and Decisions at **Appendix A**, and take action, as appropriate.

APPENDIX A

FOLLOW-UP ACTION PLAN ON MIDANPIRG/21 CONCLUSIONS & DECISIONS

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 21/1	RANP/NANP TASK FORCE TOR That, the RANP/NANP Task Force Terms of Reference (ToR) at Appendix A are endorsed.					Closed
C. 21/2	MID REGION AIR NAVIGATION STRATEGY, EDITION, FEBRUARY 2024 That, the MID Region Air Navigation Strategy, Edition February 2024 (ICAO MID DOC 002), is endorsed and be published by the ICAO MID Office.					Closed
C.21/3	NATIONAL AIR NAVIGATION PLAN (NANP) That, the MID States with support of ICAO MID Office develop their National Air Navigation Plan (NANP) by end of December 2024.	To support the development of NANPs	NANP	MID State with the support of the MID Office	December 2024	On going WP/42 refers
C. 21/4	MID AIR NAVIGATION REPORT - 2023 That, the MID Air Navigation Report-2023 is endorsed and be published by the ICAO MID Office.					Done
C. 21/5	OPTIMIZATION OF MID REGION ATS ROUTE DESIGNATOR That, the ICAO MID Office: a) based on Traffic Data Sample (TDS) identify the main flows of the region to maintain their ATS route designators as much as possible through various consecutive FIRs and regions with coordination of relevant States and ICAO Regional Offices; and b) process required Proposal for Amendment (PfA) to the MID eANP Vol II, Table ATM II-MID-I					On-going WP/43 refers

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 21/6	WEBINAR ON PERFORMANCE-BASED AERODROME OPERATING MINIMA (PBN-AOM) That, a Webinar on the Performance-Based Aerodrome Operating Minima (PB-AOM) be organized in 2024.	To provide a deep understanding of the PBAOM and its concept of operations.	Webinar	ICAO	2024	Completed A dedicated session on the on Performance-Based Aerodrome Operating Minima (PB-AOM) was held on 9 December 2024 during the PBN SG/9 meeting.
C. 21/7	WORKSHOP ON PBN/GNSS That, ICAO, jointly with ACAO organize a Workshop on GNSS/PBN in 2024.	To provide a forum for sharing the current developments and future evolutions related to GNSS along with implementation of different GNSS elements/options and associated challenges.	Workshop	ACAO and ICAO	2024	On-going The Workshop on PBN/GNSS is postponed to 2025. New Proposal to be replaced and superseded by a new Conclusion PPT/9 refers
D. 21/8	PBN SID AND STAR CHARTING AD HOC WORKING GROUP That a PBN SID and STAR Charting Ad Hoc Working Group, a) be established to develop guidance/Specimen of PBN SID and STAR Charts, in coordination with the AIM Sub Group. b) <i>be composed of:</i> — <i>Chairpersons of the PBN SG and the AIM SG</i> — <i>Mr. Taha Mohamed Taha (Egypt)</i> — <i>Rohallah Salehi (Iran)</i> — <i>Mohammad Mahanpour (Iran)</i>	To develop guidance/Specimen of PBN SID and STAR Charts to promote harmonization and consistency in the publication of PBN charts	Guidance/Specimen of PBN SID and STAR Charts	PBN SID and STAR Charting Ad Hoc Working Group	2024	Completed WP52 refers

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	<p>—Mr. Raed Ghazawi (Jordan)</p> <p>— Mr. Sulaiman Selmi (Oman)</p> <p>— Mr. Suwarn Raj Upadhyay (Oman)</p> <p>— Mrs. Pamela Erice (Qatar)</p> <p>— Mr. Muhammad Aljuhani (KSA)</p> <p>— Mr. Ayed Murfat (KSA)</p> <p>— Mr. Saqr Obaid Al Marashda (UAE)</p> <p>— Mr. Kedari Manthanwar (UAE)</p> <p>— ICAO Secretariat</p> <p>c) presents its outcome to the PBN SG/9 and AIM SG/11 meetings.</p> <p>d) be dissolved upon the successful completion of its assigned tasks.</p>					
C. 21/9	<p>MID FPP FUTURE SUSTAINABILITY</p> <p>That, ICAO MID Office initiates a survey, analyze the feedback received, and subsequently propose coordinated options in consultation with the Chairperson of the MID FPP SC to the DGCA MID/7 meeting for final decision regarding the future of the Programme.</p>	To disseminate a survey and present coordinated recommendations regarding the future of the MIDFPP.	Survey	ICAO MID Office	2024	<p>Completed</p> <p>State Letter Ref.: AN 6/33 – 24/047 dated 27 March 2024</p>
D. 21/10	<p>MID AIRSPACE MANAGEMENT WORKING GROUP (ASM WG)</p> <p>That,</p> <p>a) MID Airspace Management Working Group (ASM WG) be established to ensure the continuous development of airspace structure, Free Route Airspace, GNSS vulnerability and FF-ICE implementation at regional level in the most efficient and harmonized manner;</p> <p>b) The ASM TF to elect Chairperson and develop Terms of Reference during the first meeting of MID ASM Task</p>	To establish a centralized entity to address airspace management challenges and further enhance the coordination on regional level.	ASM WG	MIDANPIRG	2024	<p>Completed (to be closed)</p> <p>WP/47 refers</p>

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	Force; and c) States support the MID ASM WG through: i. assignment of Focal Point to contribute to the work of the Task Force; and ii. sharing states' experience and provision of required data in timely manner.					
D. 21/11	DISSOLUTION OF THE MID ROUTE DEVELOPMENT ACTION GROUP (RDWG) That, the MID Route Development Action Group (RDWG) is dissolved.	Superseded with the establishment of ASM WG	ASM WG TOR	MIDANPIRG	2024	Completed (to be closed)
C. 21/12	MID RVSM SMR 2023 That, the MID RVSM Safety Monitoring Report (SMR) 2023 at Appendix 5I , is endorsed.	SMR2023	Endorsement of MID SMR2023	MIDANPIRG	March 2024	Completed (to be closed)
C. 21/13	NON SUBMISSION OF REQUIRED DATA FOR THE DEVELOPMENT OF SMR2023 That, Lebanon, Libya and Sudan be included in the list of MID Air Navigation Deficiency.	Non submission of required data to the MIDRMA	Updated list of deficiencies	MIDANPIRG	March 2024	Completed (to be closed)
C. 21/14	MID RVSM SMR 2024 That, a) the FPL/traffic data for the period 15 May – 15 June 2024 to be used for the development of the MID RVSM Safety Monitoring Report (SMR 2024); b) only the appropriate Flight Data form available on the MIDRMA website (www.midrma.com) should be used for the		SMR2024	MIDRMA	May 2025	On going WP/44 refers

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	provision of FPL/traffic data to the MIDRMA, by 15 July 2024; and c) the final version of the MID RVSM SMR 2024 be ready for presentation and endorsement by the MIDANPIRG/22 Meeting.					
C. 21/15	OFAC LICENCE APPLICATION That, a) the Chairman of MIDRMA Board to submit an application on the OFAC website for the renewal of the OFAC Licence or waiver for the use of the EGMU unconditionally; and b) invited the FAA representative to support and follow-up the application process as appropriate.	Support the application of OFAC Licence	OFAC Licence	MIDRMA Chairman	2024	Completed WP/44 refers
D. 21/16	MID ADS-B HEIGHT MONITORING SYSTEM (MID AHMS) That, a) States implementing ADS-B to share the archived data with the MIDRMA for evaluation and analysis; b) MIDRMA to coordinate with MAAR for: i. sharing their experience in evaluating and analyzing samples of the received ADS-B data; and ii. providing required training related to AHMS implementation for MIDRMA Staff. c) MIDRMA to develop a mechanism and tools for submitting the ADS-B data by States; d) MIDRMA provides the required training for CNS engineers from member states responsible for extracting ADS-B data from their systems and submitting it to MIDRMA at regular, mutually agreed intervals; e) MIDRMA to develop and document all required processes and procedures to be reflected in the training Manuals for the	Implement ADS-B technology for height monitoring	MID AHMS	MIDRMA	2024	Ongoing WP/44 refers

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	<p>AHMS implementation, to be incorporated in the MIDRMA Tasks and responsibilities;</p> <p>f) MIDRMA shall continue to provide GMU monitoring service until the AHMS is fully operational, and for the Aircraft not included in the MID-AHMS; and</p> <p>g) the funding mechanism (including services charges) might be revised accordingly (based on cost -recovery basis). In accordance with ICAO Policies on charges for Airports and Air Navigation Services (Doc 9082), in coordination with IATA.</p>					
C. 21/17	<p>MID REGIONAL ATM CONTINGENCY PLAN (V5.0)</p> <p>That,</p> <p>a) the MID Regional ATM Contingency Plan (V5.0), at Appendix 5J is endorsed and be published as the MID Regional ATM Contingency Plan (V5.0);</p> <p>b) ICAO MID Office develop required structure on ICAO MID website and keep it up to date regarding MID States contingency plans, agreement, CCT meeting SoDs, contact list and etc.;</p> <p>c) based on the guidelines and template provided in regional contingency plan (V5.0), MID States develop their respective contingency plan and arrangement with adjacent FIRs and share them with ICAO MID; and</p> <p>d) by organizing individual workshops, ICAO MID supports the development of National Contingency Plans by the MID States</p>	Support the States and operators in Contingency situations	MID ATM Contingency Plan V5.0	MIDANPIRG	2024	<p>On going</p> <p>PPT/54 refers</p>

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D. 21/18	DISSOLUTION OF THE CONTINGENCY PLAN ACTION GROUP That, the Contingency Plan Action Group is dissolved.					
C. 21/19	DEVELOPMENT OF MID STATES ATFM PLAN That, a) based on the guidelines provided in ICAO MID Doc 014: ATFM Plan (V2.0), MID States develop their respective ATFM implementation plan and agreements with adjacent FIRs and share them with ICAO MID; b) by organizing individual workshops, ICAO MID supports the development of States National ATFM Plans and implementation of ICAO Doc 014 requirements for Phase I (including Phase IA & IB), where requested; and c) the MID ATFM Task Force is tasked with the identification of Priority ATFM Implementation Areas within the MID Region, to enable further implementation support activities.	To increase the level of ATFM implementation within the Region	National ATFM Plan	MID States	2025	On going WP/55 refers
C 21/20	MID FF-ICE WORKSHOPS 2024-2025 That, the FF-ICE Workshops be conducted in 2025, with the support of the ATFM TF and the relevant Subgroups to address the FF-ICE planning and implementation in the MID Region.	To enhance the coordination on regional level on the preparedness for FF-ICE implementation and cessation of FPL2012.	FF-ICE Workshop	ICAO MID	2025	Completed WP/46 refers

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D. 21/21	DISSOLUTION OF THE CMC/FUA ACTION GROUP That, the CMC/FUA Action Group is dissolved.					Closed
C. 21/22	FREE ROUTE AIRSPACE (FRA) IMPLEMENTATION WORKSHOP That, the ICAO MID Office organize Workshop in 2024 with support of IATA and concerned States and Stakeholder, to foster the implementation of FRA in the MID Region.	To support further implementation of FRA within the Region	FRA Workshop	ICAO MID	2025	Completed WP/47 refers
D. 21/23	REVIEW OF THE MID REGION ALLOTMENT PLAN That, in order to increase the amount of spectrum that can be used for Aeronautical Services, the CNS SG should adopt the revised planning Principle for Aeronautical Frequency Bands of 117.975-137 MHz and review and update, as deem necessary, the current MID allotment plan by Q1 2025 .	To increase the availability and efficiency of spectrum usage for Aeronautical Services within the MID Region	Adoption of the revised planning principle for the 117.975–137 MHz frequency band and review/update of the current MID Region allotment plan, as necessary	CNS Sub-Group (CNS SG)	Q1 2025	On-Going Coordination actions will be initiated in accordance with the recommendations emanating from MID FM WG
C. 21/24	OPTIMIZATION OF FREQUENCY ASSIGNMENT IN THE MID REGION That, in order to optimize the frequency assignment planning and mitigate VHF frequency congestion at regional level, States are urged to: a) coordinate with ICAO MID Office before assigning frequencies for aeronautical services (VHF COM, VHF	To optimize frequency assignment planning and mitigate VHF frequency congestion at the	States are urged to coordinate with the ICAO MID Office before frequency assignments,	States	By Q4 of 2024	On-going Coordination actions will be initiated in accordance with the recommendations emanating from MID FM WG

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	NAV); b) perform an update/review of the data in the VHF-COM/NAV module; and c) Submit Frequency Requirements for the Period 2023 – 2030 using the Guidance Doc. at Appendix 5L by Q4 2024 .	regional level in the MID Region.	update/review VHF-COM/NAV data, and submit frequency requirements for 2023–2030.			
C. 21/25	INTER-REGIONAL COMMUNICATION LINKS That, in order to enhance the AFS Network efficiency and performance, States be urged to: a) investigate the occurrences related to loss of AFTN Data, b) migrate inter-regional communication links to AMHS; c) rationalize the inter-regional connections established on bilateral basis, taking into consideration the regional requirements set in the MID ANP Vol II and operational needs; and d) provide the ICAO MID with update the outcomes of a) and their AMHS implementation plans/progress by 30 May 2024 .	To enhance the efficiency and performance of the Aeronautical Fixed Service (AFS) Network through improved communication link management and modernization.	States are urged to investigate AFTN data loss, migrate inter-regional links to AMHS, rationalize bilateral connections based on MID ANP Vol II, and update ICAO MID on progress.	States	30 May 2024	On-going Coordination actions will be initiated in accordance with the recommendations emanating from MID FM WG
C. 21/26	NAV MON PLAN TEMPLATE That, the CNS SG in coordination with ATM SG and PBN SG review and update, as deem necessary, the NAV MON Plan Template to be presented to MIDANPIRG/22 for endorsement.	Regional visibility on the available NAV MON	NAV MON Plan Template	CNS, PBN and ATM SGs	2025	On-going New proposal to be submitted to the MIDANPIRG for endorsement WP/49 refers

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C.21/27	<p>GNSS RFI MITIGATION</p> <p>That,</p> <p>a) States affected with GNSS RFI take necessary mitigation measures and provide update to the ICAO MID Office by 30 May 2024; and</p> <p>b) the ATM SG in coordination with AIM, CNS and PBN SGs to address the reported occurrences and review the MID RSA 014 on GNSS Vulnerabilities as deemed necessary to be presented to MIDANPIRG/22 – RASG-MID/12 for endorsement.</p>	Review MID SRA014 to include operational mitigation measures to address GNSS RFI occurrences	Revised RSA014	MIDANPIRG subgroups	2025	<p>On-going</p> <p>RSA Updated and ready for endorsement by the MIDANPIRG-RASG</p>
C. 21/28	<p>CYBERSECURITY SYSTEMS RESILIENCE</p> <p>That, States consider the recommendations in Appendix 5M which would support the enhancement of their cybersecurity systems resilience.</p>	To support the enhancement of cybersecurity systems resilience and safeguard the integrity of air navigation and aviation operations.	Consideration by States of the recommendations outlined in Appendix 5M aimed at strengthening cybersecurity posture and response capabilities.	States	As part of their ongoing cybersecurity strategy and implementation efforts.	<p>Closed</p>

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D. 21/29	<p>AERONAUTICAL INFORMATION MANAGEMENT DIGITALIZATION & PLANNING TASK FORCE (AIMDP TF)</p> <p>That,</p> <p>a) Aeronautical Information Management Digitalization & Planning Task Force (AIMDP TF) be established to ensure alignment of the DAIM thread/elements with GANP latest Edition, develop appropriate monitoring tables for inclusion in ICAO eANP Vol.III and to ensure a synchronized and harmonized deployment of digital AIM products in the MID Region;</p> <p>b) the terms of reference of the AIMDP TF be developed during the first meeting of Task Force; and</p> <p>c) States support the AIMDP Task Force through:</p> <ol style="list-style-type: none"> assignment of Focal Point to contribute to the work of the Task Force; and sharing states' experience, challenges and best practices related to Aeronautical Information Management Digitalization and Planning. 	To ensure a synchronized and harmonized deployment of digital AIS datasets in the MID Region.	MID Regional Plan for the Digital AIS datasets	MID States, ICAO MID	Until the work is completed in accordance with the TF Terms of Reference (ToRs).	<p>Actioned (To be closed)</p> <p>The first meeting of the TF was conducted WP/51 refers</p>
C. 21/30	<p>REVISED NOTAM TEMPLATE FOR GNSS INTERFERENCE</p> <p>That,</p> <p>a) ICAO and IATA in coordination with AIM SG Chairpersons to develop revised NOTAM template for GNSS interference including jamming and spoofing considering the global and regional developments; by Q4 2024 and</p> <p>b) ICAO MID Office circulate the revised NOTAM Template for GNSS interference through State Letter for implementation by States.</p>	To provide States with an updated NOTAM template to be used for GNSS RFI, Jamming and spoofing events to facilitate operators in filtering and searching through the NOTAM	NOTAM template for GNSS RFI	ICAO	2025	<p>On-going</p> <p>The subject will be addressed in WP/50</p>

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C. 21/31	<p>RISK COMMUNICATION MODEL TO DISSEMINATE INFORMATION RELATED TO RISKS TO CIVIL AVIATION OVER OR NEAR CONFLICT ZONES</p> <p>That, the guidance contained in the Appendix G of the ICAO Doc 10084, Risk Assessment Manual on Civil Aircraft Operations Over or Near Conflict Zones, Third Edition, 2023, be used to disseminate information regarding the nature and extent of threats arising from the conflict and its consequences for civil aviation.</p>	To provide States with the guidance to disseminate information regarding the nature and extent of threats arising from the conflict and its consequences for civil aviation.	Guidance on the dissemination of information regarding the nature and extent of threats arising from the conflict and its consequences for civil aviation.	ICAO	May 2024	Actioned (To be closed)
C. 21/32	<p>ABU DHABI DECLARATION ON CONTINUOUS IMPROVEMENT OF ANS PROVISION IN THE MID REGION</p> <p>That, the Abu Dhabi Declaration on Continuous Improvement of air navigation services provision in the MID Region in Appendix 50, is endorsed.</p>					Closed
D. 21/33	<p>MIDANPIRG REVISED STRUCTURE</p> <p>That, the revised MIDANPIRG Structure in Figure 1 is approved and be included in MIDANPIRG Procedural Handbook.</p>	Optimize the number of technical groups	Revised MIDANPIRG structure	MIDANPIRG	2025	Completed WP/60 refers