



*International Civil Aviation Organization*

**MIDANPIRG/20 and RASG-MID/10 Meetings**

*(Muscat, Oman, 14-17 May 2023)*

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**Agenda Item 3.3: Follow-up on MIDANPIRG/19 Conclusions and Decisions**

**FOLLOW-UP ON MIDANPIRG/19 CONCLUSIONS AND DECISIONS**

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents the status of MIDANPIRG/19 Conclusions and Decisions and the follow-up actions taken by concerned parties.

Action by the meeting is at paragraph 3.

**REFERENCES**

– MIDANPIRG/19 Report

**1. INTRODUCTION**

1.1 The MIDANPIRG/19 meeting was held in Riyadh, Saudi Arabia, 14 – 17 May 2022. The meeting was attended by One Hundred and Eighteen (118) participants, which included experts from ten (10) States and eight (8) International Organizations/Industries. The meeting adopted 16 Conclusions and 11 Decisions.

**2. DISCUSSION**

2.1 Based on the outcome of the different MIDANPIRG subsidiary bodies, and the feedback received from some States, an updated follow-up action plan on MIDANPIRG/19 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/19 Conclusions and Decisions at **Appendix A**, and take action, as appropriate.

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## APPENDIX A

## FOLLOW-UP ACTION PLAN ON MIDANPIRG/19 CONCLUSIONS &amp; DECISIONS

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 19/1	<p><b>MID RVSM SMR 2021</b></p> <p>That, the MID RVSM Safety Monitoring Report (SMR) 2021 at <b>Appendix 3.3A</b>, is endorsed.</p>	To develop the MID SMR 2021	SMR 2021	MIDRMA	2021	<b>Completed</b>
C. 19/2	<p><b>MID RVSM SMR 2022</b></p> <p>That,</p> <p>a) States are required to provide the FPL/traffic data for the period 1 June until 30 June 2022 and LHD data for the period 1 January to 31 December 2022 to the MIDRMA before 1 August 2022, for the development of the MID RVSM Safety Monitoring Report (SMR 2022);</p> <p>b) Bahrain, Iran, Iraq, Kuwait, Oman, Saudi Arabia and UAE, are urged to provide the FPL/traffic data for the period 1 – 30 November and 1 – 31 December 2022 to the MIDRMA before 31 January 2023 for measuring the ICAO RVSM TLS (Technical and Overall) during the FWC 2022 event; the remaining States are strongly encouraged to provide the FPL/traffic to the MIDRMA for the same period (months of November and December 2022).</p> <p>c) only the appropriate Flight Data form, available on the MIDRMA website (<a href="http://www.midrma.com">www.midrma.com</a>), should be used for the provision of FPL/traffic data to the MIDRMA; and</p> <p>d) the final version of the MID RVSM SMR 2022 be ready for presentation to and endorsement by the MIDANPIRG/20 meeting.</p>	Develop SMR 2022	<p>State Letter</p> <p>Provide TDS and LHDs</p> <p>SMR 2022</p>	<p>ICAO</p> <p>States</p> <p>MIDRMA</p>	2022	<b>Actioned</b>  (WP/23, refers)

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C.19/3	<p><b>MID RAS UPGRADE PROJECT</b></p> <p>That, the MID RMA Team and Board Chairman take necessary actions for the upgrade of the MID RAS Software, in accordance with the Business Case at <b>Appendix 3.3B.</b></p>	The need for new functionalities and reduce workload	Upgrade of MID RAS Software	MID RMA team and developer	2022	<p><b>Ongoing</b></p> <p>Final delivery planned Nov 2023</p>
C. 19/4	<p><b>REPORTING OF GNSS RFI TO ITU</b></p> <p>That, States are invited to report frequent GNSS radio frequency interferences to ITU Radio-communication Bureau (ITU-BR), describing GNSS RFI impact either in their State or reported by their registered aircraft.</p>	Resolving GNSS RFI that can significantly impact aviation operation	Report to ITU	States encountered frequent unresolved intentional GNSS RFI	Whenever frequent GNSS RFI occur	<p><b>Actioned</b></p> <p>SL Ref.: AN 7/30.21 &amp; ME 3-22/064 dated 12 April 2022</p>
C. 19/5	<p><b>WEB- BASED MID AIR NAVIGATION REPORT (2021)</b></p> <p>That, the Web-based MID Air Navigation Report (2021) is endorsed.</p>	To publish the status of ASBU implementation in the MID Region in 2021	MID AN Report 2021 is endorsed and posted	ICAO	Feb 2022	<p><b>Completed</b></p> <p><a href="https://www.icao.int/MIDANReport/Pages/ANReport2021-Main.aspx">https://www.icao.int/MIDANReport/Pages/ANReport2021-Main.aspx</a></p>
C. 19/6	<p><b>WEB-BASED MID REGION AIR NAVIGATION REPORT (2022)</b></p> <p>That, in order to prevent the Non-RVSM approved aircraft from operating within the MID RVSM airspace:</p> <p>That,</p> <p>a) States be urged to provide the ICAO MID Office with:</p> <p>i) relevant data necessary for the development of the MID Region Air Navigation Report (2022) (Status of ASBU Implementation), by <b>1 December 2022;</b></p>	Monitoring and Reporting of ASBU implementation in the MID Region	State Letter  Data for AN Report 2022  Air Navigation Report (2022)	ICAO  States	Dec. 2022	<p><b>Completed</b></p> <p><a href="https://www.icao.int/MIDANReport/Pages/ANReport2022-Main.aspx">https://www.icao.int/MIDANReport/Pages/ANReport2022-Main.aspx</a></p>

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	<ul style="list-style-type: none"> <li>ii) the data necessary for the measurement of the KPIs (01, 02, 13 and 14) for the period June &amp; July 2022, by the <b>1 October 2022</b>; and</li> <li>b) the MID Air Navigation Report (2022) be presented to the MIDANPIRG/20 for endorsement.</li> </ul>					
C. 19/7	<p><b>UPDATED GUIDANCE FOR AIM PLANNING AND IMPLEMENTATION IN THE MID REGION (MID DOC 008)</b></p> <p>That, the revised version of MID Doc 008 is endorsed.</p>	To update the MID AIM plan	Revised MID AIM plan	AIM SG	2022	<b>Completed</b>
C. 19/8	<p><b>MID REGION AIM DATABASE (MIDAD)</b></p> <p>That,</p> <ul style="list-style-type: none"> <li>a) the ICAO MID Office and AIM SG continue to monitor the States' status of EAD migration and other related issues and provide regular updates to MIDANPIRG and DGCAMID meetings;</li> <li>b) the activities of the MIDAD TF will not be resumed until the finalization of Phase A of the MIDAD Project (at least 7 States complete their migration to EAD);</li> <li>c) States are encouraged to develop their business case/cost-benefit analysis related to the transition from AIS to AIM, in accordance with the GANP 6th edition, MID Air Navigation Strategy and MID Region AIM Roadmap;</li> <li>d) States considering the migration to EAD as one of the options to support the transition from AIS to AIM/SWIM to engage directly with Eurocontrol (EAD) for the completion of the cost-benefit analysis; and</li> <li>e) States that have not yet established an automated AIM system are strongly encouraged to migrate to EAD.</li> </ul>	To establish MIDAD	At least 7 States to migrate to EAD	MID States		<b>Actioned (to be closed)</b>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 19/9	<p><b>AIM CAPACITY-BUILDING ACTIVITIES IN 2022-2023</b></p> <p>That, the following AIM-related workshops and webinars, be organized in 2022-2023:</p> <p>a) transition from AIS to AIM Workshop (pending the issuance of the revised global roadmap);</p> <p>b) Workshop on Building Effective Safety Oversight of Aeronautical Information Services (AIS) and Aeronautical Information Management (AIM); and</p> <p>c) Webinar(s) on the provision of Terrain and Obstacle (TOD) and AIP Datasets.</p>	To build capacity on AIM	Workshops/ Webinar	ICAO MID	2022-2023	<p><b>Actioned/Ongoing</b></p> <p>ICAO MID Webinar on the provision of Terrain and Obstacle (TOD) and AIP Datasets successfully held on 19 May 2022.</p> <p>The Workshop on Building Effective Safety Oversight of Aeronautical Information Services (AIS) and Aeronautical Information Management (AIM) planned for 2023 in coordination with FAA.</p> <p>The transition from AIS to AIM Workshop is pending the issuance of the revised global roadmap.</p>
C. 19/10	<p><b>CONDUCT OF A WORKSHOP ON CCO/CDO IMPLEMENTATION IN 2022</b></p> <p>That,</p> <p>a) a Workshop on CCO/CDO implementation be organized in 2022, in collaboration with MID FPP, to provide necessary knowledge about the ICAO provisions on the subject and share experience and best practices on CCO/CDO implementation by States/Airspace users; and</p> <p>b) States and International Organizations are strongly encouraged to participate actively in this Workshop.</p>	Foster the CCO/CDO implementation in the Region	Workshop	ICAO MID and MID FPP	2022	<p><b>Completed</b></p> <p>The ICAO MID Workshop on the Continuous Climb Operations (CCO) / Continuous Descent Operations (CDO) Implementation was successfully conducted in Abu Dhabi, UAE, 13 – 14 June 2022)</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
D. 19/11	<p><b>ESTABLISHMENT OF CCO/CDO AD HOC WORKING GROUP</b></p> <p>That, a CCO/CDO Ad Hoc Working Group:</p> <p>a) be established to develop guidance related to the publication of CCO/CDO information (text and Charts) in the AIP, in coordination with the relevant MIDANPIRG and RASG MID subsidiary bodies.</p> <p>b) be composed of:</p> <ul style="list-style-type: none"> <li>- Chairpersons of the PBN SG*, AIM SG and ATM SG</li> <li>- Mrs. Sheila Brizo, (QCAA Qatar)</li> <li>- Mrs. Lindi-Lee Kirkman (IATA)</li> <li>- Mr. Muhammad Al Juhani (Saudi Arabia)</li> <li>- Secretariat</li> </ul> <p>c) present their outcome during the AIM SG/8 and PBN SG/7 meeting.</p> <p>* the rapporteur of the group is the Chairman of the PBN SGs.</p>	To develop guidance related to the publication of CCO/CDO information (text and Charts) in the AIP	Guidance material	CCO/CDO Ad Hoc WG	2022	<p><b>Actioned (to be closed)</b></p> <p>AG established and developed guidance related to the publication of CCO/CDO information (text and Charts) in the AIP</p> <p><i>(WP/46 refers)</i></p>
D. 19/12	<p><b>ESTABLISHMENT OF THE MID REGION PBN IMPLEMENTATION PLAN AD HOC WORKING GROUP (PBN IP AD-HOC WG)</b></p> <p>That, the PBN Implementation Plan Ad Hoc Working Group:</p> <p>a) be established to review the MID Region PBN Implementation Plan (MID Doc 007) and develop a revised version for review by the PBN SG/7 meeting and to the MIDANPIRG/20 meeting for subsequent endorsement, to keep pace with the developments, including the GANP 6th Edition and the MID Region Air Navigation Strategy (MID Doc 002, Edition February 2021); and</p> <p>b) be composed of:</p>	To review the MID Region PBN Implementation Plan (MID Doc 007) and develop a revised version	Revised MID Region PBN Implementation Plan	PBN Implementation Plan Ad Hoc WG	2022	<p><b>Actioned (to be closed)</b></p> <p>AG established and updated the MID Region PBN Implementation Plan (MID Doc 007)</p> <p><i>(WP/48 refers)</i></p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	<ul style="list-style-type: none"> <li>- Chairpersons of the PBN SG* and ATM SG</li> <li>- Mr. Saqr Al Marashda (GCAA UAE)</li> <li>- Mr. Hamed Al Zubaidi (GCAA UAE)</li> <li>- Mr. Ahmed Al Shehhi (GCAA UAE)</li> <li>- Mr. Muhammad Al Juhani (Saudi Arabia)</li> <li>- Secretariat</li> </ul> <p>* the rapporteur of the group is the Chairman of the PBN SG.</p>					
C. 19/13	<p><b>PROPOSAL FOR AMENDMENT TO THE MID eANP VOLUME II, TABLE ATM II-MID-I: MID REGION ATS ROUTE NETWORK</b></p> <p>That, the ICAO MID Office process the proposal for amendment to the MID eANP VOL II, Table ATM II-MID-I, at <b>Appendix 5.7A</b>, in accordance with standard procedure.</p>	To update MID eANP Volume II, Table ATM II-MID-I, based on new PfAs and States comments	Revised eANP Volume II, Table ATM II-MID-I	ICAO	2022	<p><b>Actioned (to be closed)</b></p> <p><i>(WP/53, refers)</i></p>
C. 19/14	<p><b>MID ATFM PLAN (V2.0)</b></p> <p>That, the MID Doc 014 renamed as MID Region Air Traffic Flow Management Plan (V2.0), is endorsed and be published on the ICAO MID website.</p>	Develop Regional multi-Nodal ATFM implementation reference	ATFM CONOPS 2.0	ATFM TF	2022	<p><b>Completed</b></p>
C. 19/15	<p><b>TERMS OF REFERENCE OF THE ATFM TF</b></p> <p>That, the Terms of Reference of the ATFM TF be updated as at <b>Appendix 5.7B</b>.</p>	To update the ATFM TF ToR	Updated ToR	ATFM TF	2022	<p><b>Completed</b></p>
C. 19/16	<p><b>ATFM IMPLEMENTATION</b></p> <p>That,</p> <p>a) States be urged to take necessary measures to establish ATFM service in accordance with the MID Region ATFM Plan taking into consideration the available relevant guidance materials, and</p>	Foster the ATFM implementation in the Region	Workshop Survey	ATFM TF	2023	<p><b>Ongoing</b></p> <p>Workshop conducted; Survey planned.</p> <p><i>(WP/58, refers)</i></p>

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	<p>the willingness of ICAO and International organization to provide support as appropriate; and</p> <p>b) ATFM TF be tasked to:</p> <p>i. assess the available opportunities for the exchange of information and propose a way forward to the ATM SG;</p> <p>ii. develop a checklist for ATFM service implementation assessment and monitoring (regulation, declared capacity, organizational ATFM structure, procedure for information sharing, etc).</p>					
D. 19/17	<p><b>TERMS OF REFERENCE OF THE FWC 2022 TF</b></p> <p>That, the Terms of Reference of the FWC 2022 TF be updated, as at <b>Appendix 5.</b></p>	To update the FWC2022 TF ToR	Updated ToR	FWC2022 TF	2022	<b>Completed</b>
D. 19/18	<p><b>MID ATM CONTINGENCY PLANNING AD-HOC ACTION GROUP</b></p> <p>That,</p> <p>a) the MID ATM Contingency Planning Ad-hoc Action Group be established to carry out a comprehensive review of the MID Region ATM Contingency Plan (MID Doc 003), taking into considerations the lessons learnt from recent events; and</p> <p>b) the MID ATM Contingency Planning Ad-hoc Action Group:</p> <p>i. be composed of:</p> <ul style="list-style-type: none"> <li>- the Chairpersons of the ATM SG;</li> <li>- Abdulla Al Qadhi (Bahrain);</li> <li>- Ahmad Abu Ghaleb (Saudi Arabia);</li> <li>- Sharron Caunt (IATA);</li> <li>- Faisal Al Assosi (Kuwait);</li> <li>- Ehab Raslan (Egypt);</li> <li>- Saleh Al Nesf (Qatar);</li> </ul>	Revised version of the MID Region ATM Contingency plan	Draft MID ATM Contingency plan	ATM SG/8	2023	<p><b>Actioned</b></p> <p>AG established and drafting the amendment.</p> <p><i>(WP/64 refers)</i></p> <p><i>(IP/24 refers)</i></p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	<ul style="list-style-type: none"> <li>- Nasser Salem Al Mazroe (Oman);</li> <li>- Saqr Marashdah (UAE), and</li> <li>- ICAO MID Office (Secretariat).</li> </ul> <p>ii. present the revised version of the MID Region ATM Contingency Plan (MID Doc 003) to the ATM SG/8 for review and enhancement, before presentation to the MIDANPIRG/20 meeting for endorsement.</p>					
D. 19/19	<p><b>MID CMC/FUA ACTION GROUP</b></p> <p>That,</p> <p>a) the MID CMC/FUA Action Group develop region specific complementary procedures for ICAO Doc. 10088, in order to ensure that the regional requirements related to Civil Military Cooperation and implementation of FUA Concept are addressed, including State aircraft operations under Due Regard in particular over the high seas, are covered;</p> <p>b) the outcome of the MID CMC/FUA AG, be presented to ATM SG/8 meeting, for review.</p>	Develop guidance material for CIV/MIL Cooperation, FUA and due regard over high seas	Guidance material	ATM SG/8	Dec 2019	<p style="text-align: center;"><b>Ongoing</b></p> <p>An Action Group composed of experts from Bahrain, Egypt, Iraq, Jordan, Oman, Qatar, Saudi Arabia, UAE and ICAO was established</p> <p><i>(WP/65 refers)</i></p>
D. 19/20	<p><b>HIGH LEVEL AIRSPACE CONCEPT ACTION GROUP (HLAC AG)</b></p> <p>That, the High Level Airspace Concept Action Group (HLAC AG), composed of the ATM Focal Points from Bahrain, Egypt, Jordan, Oman, Saudi Arabia, UAE, IATA and ICAO MID, be established to review and prepare a revised version of the MID Region High Level Airspace Concept (MID Doc 004), by 30 September 2022, for presentation to the ATM SG/8 meeting and endorsement by the MIDANPIRG/20 meeting.</p>	Revised version of the MID Region High level Airspace Concept	Draft Revised version of the MID Region High level Airspace Concept	ATM SG/8	2022	<p style="text-align: center;"><b>Ongoing</b></p> <p>AG established and started drafting the amendment.</p> <p><i>(WP/68 refers)</i></p>
C. 19/21	<p><b>REDUCED CHANNEL SPACING FOR VHF NAV</b></p> <p>That, the ICAO MID Office, process a proposal for amendment to the MID ANP Volume II, CNS Specific Requirements to implement reduced channel spacing for Radio Navigation Aids.</p>	To implement reduced channel spacing for VHFNAV	Amended MID ANP Vol II	ICAO MID	2023	<p style="text-align: center;"><b>Ongoing</b></p>

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D. 19/22	<p><b>TORS OF THE FREQUENCY MANAGEMENT WORKING GROUP</b></p> <p>That, the Terms of Reference of the Frequency Management WG be updated as at <b>Appendix 5.8A</b>.</p>	To update the FM WG ToR	New TORs	FM WG	2022	<b>Completed</b>
D. 19/23	<p><b>RADALT ACTION GROUP</b></p> <p>That, the Radio Altimeter (RADALT) Action Group be:</p> <p>a) established to develop guidance material to protect the aircraft operations from potential Radio Altimeter interference associated with the deployment of cellular broadband/5G ground infrastructure near the bands used by RADALT; and</p> <p>b) composed of:</p> <p>Ridha Dridi, (Saudi Arabia, Rapporteur);            Khaled Alhazmi (Saudi Arabia)            Fares A. Alzahrani (Saudi Arabia)            Abdullaziz Hussain (Saudi Arabia)            Mohammed Kamal (Egypt);            Nevin Askar (Jordan);            Talal Al Jasmi (UAE);            Jihad Faqir (IATA);            Hecham Bennani (ACAO);            Gerlof E Osinga (Boeing)            ICAO MID RO/CNS</p>	To develop guidance material on protecting Radio Altimeter from potential impact of 5G operation	Guidance Material	RADALT Action Group	May 2023	<b>Completed</b>  SL Ref.: AN 7/5.6 & ME3-22/045 dated 11 April 2022
D. 19/24	<p><b>5G SAFEGUARDING MEASURES</b></p> <p>That, the CNS SG coordinate with the RASG-MID relevant subsidiary bodies the 5G Safeguarding measures around the aerodromes to protect RADALT from any interference.</p>	To coordinate with RASG-MID regarding the safety impact of 5G operation	5G added to the ASR	CNS SG	2023	<b>Completed</b>

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C. 19/25	<p><b>STATISTICS ON ADS-B EQUIPAGE LEVEL</b></p> <p>That the MIDRMA Board explore the possibility to extend the functions and responsibilities of the MIDRMA to include the collection and sharing of information on the level of ADS-B equipage of the registered fleet and all flights operating from/to or through the MID RVSM airspace.</p>	<p>To evaluate the percentage of ADS-B equipage level in the Region to extend the function of MIDRMA</p>	Statistical report	MID RMA	2023	<b>Ongoing</b>
D. 19/26	<p><b>MID REGION SURVEILLANCE PLAN</b></p> <p>That, the CNS SG, in coordination with the ATM SG update the MID Region Surveillance Plan (MID Doc 013) considering the outcome of the ADS-B Webinar and MID States' experience in ADS-B implementation.</p>	<p>To update the Surveillance plan</p>	Updated Surveillance plan	CNS SG & ATM SG	2023	<b>Completed (To be closed)</b>
D. 19/27	<p><b>NEW EDITION OF THE MIDANPIRG PROCEDURAL HANDBOOK</b></p> <p>That, the new Edition of the MIDANPIRG Procedural Handbook is endorsed and be posted by the ICAO MID Office on the website. using the template at <b>Appendix 5.2K</b>.</p>	<p>To update MIDANPIRG Procedural handbook</p>	New edition of MIDANPIRG Handbook	MIDANPIRG	2022	<b>Completed (To be closed)</b>