



International Civil Aviation Organization

MIDANPIRG Air Traffic Management Sub-Group

Ninth Meeting (ATM SG/9)

(Sharm El Sheikh, Egypt, 14 – 16 November 2023)

Agenda Item 3: Follow-up on MIDANPIRG/20 Conclusions and Decisions relevant to ATM/SAR

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

(Presented by the Secretariat)

SUMMARY

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

Action by the meeting is at paragraph 3.

REFERENCES

- MIDANPIRG/20 & RASG-MID/10 Report (Muscat, Oman, 14 – 17 May 2023)

1. INTRODUCTION

1.1 The Twentieth Meeting of the Middle East Air Navigation Planning and Implementation Regional Group and the Ninth Meeting of the Regional Aviation Safety Group-Middle East (MIDANPIRG/20 & RASG-MID/10) were held in Muscat, Oman, during the period 14 – 17 May 2023. The MIDANPIRG/20 meeting adopted 28 Conclusions and Decisions considered relevant to the work of the ATM Sub-Group.

2. DISCUSSION

2.1 The meeting may recall that the ATM Sub-Group is tasked with the follow-up on the implementation process related to ATM and SAR and to inform MIDANPIRG on progress, achievement, and problems being encountered.

2.2 This paper provides the meeting with an update on the status of MIDANPIRG/20 Conclusions and Decisions related to ATM and SAR. 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:

- a) note the follow-up actions on the list of Conclusions and Decisions at **Appendix A**; and
- b) provide updates as appropriate.

FOLLOW-UP ON MIDANPIRG/20 CONCLUSIONS & DECISIONS

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 20/1	<p>MIDANPIRG CONCLUSION 20/1: MID RVSM SMR 2022</p> <p><i>That, the MID RVSM Safety Monitoring Report (SMR) 2022 at Appendix 4.2A, is endorsed.</i></p>	RVSM Safety monitoring report	SMR2022	MIDRMA/States	2023	Completed (to be closed)
C. 20/2	<p>MIDANPIRG CONCLUSION 20/2: MID RVSM SMR 2023</p> <p><i>That, in order to support the MIDRMA in the timely development of the MID RVSM Safety Monitoring Report (SMR 2023):</i></p> <p><i>a) States are required to provide the MIDRMA with:</i></p> <ul style="list-style-type: none"> <i>- the FPL/traffic data for the period 1 – 30 June 2023 before 1 August 2023, and</i> <i>- LHD data for the period 1 January to 31 December 2023.</i> <p><i>b) only the appropriate “Traffic Data Sample” form, available on the MIDRMA website (www.midrma.com), should be used for the provision of FPL/traffic data to the MIDRMA; and</i></p> <p><i>c) the final version of the MID RVSM SMR 2023.</i></p>	RVSM Safety monitoring report	SMR2023	MIDRMA/States	2024	<p>On-going</p> <p>The subject will be addressed in WP/17</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 20/3	<p>MIDANPIRG CONCLUSION 20/3: LACK OF HEIGHT MONITORING OF SYRIAN RVSM APPROVED AIRCRAFT</p> <p><i>That,</i></p> <p>a) ICAO MID Office to contact the Syrian Civil Aviation Authority and address the issue of lack of height Monitoring of their RVSM approved aircraft; and</p> <p>b) MIDRMA to circulate the status of the Syrian RVSM approved aircraft to all member States to advise all ATCUs regarding the updated status of the Syrian RVSM approved aircraft within their RVSM Airspace. In coordination with Syria and MIDRMA.</p>	Monitoring the Syrian registered Aircraft				<p>On-going</p> <p>The subject will be addressed in WP/17</p>
C. 20/4	<p>MIDANPIRG CONCLUSION 20/4: AWARENESS AND TRAINING ON RVSM SAFETY ASSESSMENT</p> <p><i>That, with a view to raise the awareness related to the requirements for sustained RVSM safety monitoring activities and improve the knowledge of the States' regulators, MIDRMA Focal Points, ATC and Air Operators personnel:</i></p> <p>a) the MIDRMA include in its work programme regular missions to the Member States, during which briefings on the MIDRMA activities and RVSM safety monitoring requirements be provided to concerned personnel;</p> <p>b) for improved effectiveness, the MIDRMA visit to a State be conducted, to the extent possible, back-to-back with the GMU height monitoring mission(s) related to the air operator(s) based in this State; and</p> <p>c) MIDRMA to issue on regular basis flyers and newsletters addressing trending and emerging challenges related to RVSM safety monitoring.</p>	to raise the awareness related to the requirements for sustained RVSM safety monitoring activities	Briefings material and activities	MIDRMA	2023	<p>Completed (to be closed)</p> <p>(WP/17 refers)</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
D. 20/5	<p>MIDANPIRG CONCLUSION 20/5: MID RVSM SAFETY ASSESSMENT SEMINAR</p> <p><i>That, with a view to raise awareness related to the requirements for sustained RVSM safety monitoring and improve the knowledge of all involved parties, in particular with respect to the Vertical Collision Risk Methodology and Altimetry System Errors, the MIDRMA, in coordination with ICAO, organize a MID RVSM Safety Assessment Seminar, in 2023.</i></p>	<p><i>raise awareness related to the requirements for sustained RVSM safety monitoring and improve the knowledge of all involved parties</i></p>	Seminar	MIDRMA	2022	<p>Completed (to be closed)</p> <p>(WP/17 refers)</p>
D. 20/6	<p>MIDANPIRG DECISION 20/6: MIDRMA SUSTAINABILITY ACTION GROUP</p> <p><i>That:</i></p> <p><i>a) the MIDRMA Sustainability Action Group is established to develop a Strategic Plan for the MIDRMA to ensure business continuity and sustainability; and</i></p> <p><i>b) the Action Group is composed of members designated by:</i></p> <ul style="list-style-type: none"> <i>i. Bahrain;</i> <i>ii. Jordan;</i> <i>iii. Oman;</i> <i>iv. UAE (Rapporteur);</i> <i>v. MIDRMA; and</i> <i>vi. ICAO MID.</i> 	<p>develop a succession plan for the MIDRMA addressing the staffing needs transfer of knowledge and training, business continuity; to ensure the continued success of the MIDRMA project.</p>	MIDRMA strategic plan	Sustainability action group	2024	<p>On-going</p> <p>The subject will be addressed in WP/17</p>
D. 20/7	<p>MIDANPIRG CONCLUSION 20/7: REVISED MID AIR NAVIGATION STRATEGY</p> <p><i>That, the Revised MID Air Navigation Strategy (Doc 002) is endorsed and be published by the ICAO MID Office.</i></p>	<p>Revised MID Air Navigation Strategy, based on GANP 6th edition.</p>	Doc 002	MID States, ICAO MID	2023	<p>Completed (to be closed)</p> <p>(WP/9 and 28 refers)</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 20/8	<p>MIDANPIRG CONCLUSION 20/8: REVISED MID ANP VOL III</p> <p><i>That, the Revised MID ANP Vol III is endorsed and be published by the ICAO MID Office.</i></p>	Revised the MID ANP Vol III, based on GANP 6 th edition	ANP Vol II ATM II-MID1 table	MID States	2022	<p>Completed (to be closed)</p> <p>(WP/9 and 28 refers)</p>
C. 20/9	<p>MIDANPIRG CONCLUSION 20/9: DEVELOPMENT OF NANP</p> <p><i>That, in order to enable prioritization and optimum allocation of resources for all planned projects within States:</i></p> <p><i>a) States be urged to develop NANP based on a performance-based approach and the six-step performance management process six-step performance management process described in the Manual on Global Performance of the Air Navigation System (Doc 9883) and the Revised MID Air Navigation Strategy (Doc 002); and</i></p> <p><i>b) ICAO MID to conduct assistance missions/Workshops at National level on GANP/NANP in 2023-2024.</i></p>	To foster the implantation of NANP using the 6-step approach	Assistance missions/Works hop	MID States, ICAO MID	2023 – 2025	<p>On-going</p> <p>(WP/9 and 28 refers)</p> <p>Mission to Kuwait conducted, Kuwait develop the NANP (PPT Kuwait refers)</p>
C. 20/10	<p>MIDANPIRG CONCLUSION 20/10: WEB-BASED MID AIR NAVIGATION REPORT (2022)</p> <p><i>That, the Web-based MID Air Navigation Report (2022) is endorsed.</i></p>	Updated implementation states within the MID Region	MID Air Navigation report 2022	ICAO MID	2023	<p>Completed (to be closed)</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 20/11	<p>MIDANPIRG CONCLUSION 20/11: WEB-BASED MID REGION AIR NAVIGATION REPORT (2023)</p> <p><i>That,</i></p> <p><i>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 December 2023:</i></p> <p><i>i. Status of ASBU Implementation; and</i></p> <p><i>ii. States' implementation of the Performance Based approach using the agreed Template as at Appendix 6.1A;</i></p> <p><i>b) the MID Air Navigation Report (2023) be presented to the MIDANPIRG/21 for endorsement.</i></p>	<p>Updated implementation states within the MID Region</p>	<p>MID Air Navigation report 2023</p>	<p>MID States, ICAO MID</p>	<p>2024</p>	<p>On-going</p> <p>The subject will be discussed in WP/28</p>
D. 20/12	<p>MIDANPIRG DECISION 20/12: RANP/NANP TASK FORCE</p> <p><i>That,</i></p> <p><i>a) RANP/NANP Task Force be established to ensure alignment of the MID Region Air Navigation Strategy and MID ANP Vol III with the latest edition of the GANP and assist States developing NANPs</i></p> <p><i>b) the terms of reference of the RANP/NANP Task Force be developed during the first meeting of RANP/NANP Task Force; and</i></p> <p><i>c) States support the RANP/NANP Task Force through:</i></p> <p><i>i. assignment of Focal Point to contribute to the work of the Task Force; and</i></p> <p><i>ii. sharing states' experience and provision of required data in timely manner.</i></p>	<p><i>ensure alignment of the MID Region Air Navigation Strategy and MID ANP Vol III with the latest edition of the GANP and assist States developing NANPs</i></p>	<p>Revised ANP Vol III</p>	<p>MID States, ICAO MID</p>	<p>2024</p>	<p>On-going</p> <p>The subject will be discussed in WP/28</p>

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D. 20/13	<p>MIDANPIRG CONCLUSION 20/13: PROPOSAL FOR AMENDMENT TO THE MID EANP <i>VOLUME I, 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)</i></p> <p><i>That, the ICAO MID Office coordinate with the States concerned and process Proposal(s) for Amendment to the MID ANP Vol I, 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) in accordance with standard procedure.</i></p>	Support the ATM Contingency Planning within the MID Region	Revised version of MID Doc 003	ICAOMID, MID States	2022	<p>On-going</p> <p>The subject will be addressed in WP/5</p>
D. 20/14	<p>MIDANPIRG CONCLUSION 20/14: PROPOSAL FOR AMENDMENT TO THE MID EANP VOLUME II TO INCLUDE INFORMATION RELATED TO QATAR FACILITIES AND SERVICES</p> <p><i>That, the ICAO MID Office process the Draft Proposal for Amendment to the MID eANP Vol II, at Appendix 6.1B, in accordance with standard procedure.</i></p>	Include the information related to Qatar in ANP Vol II	Revised ANP Vol II, PfA process	Qatar, ICAO MID	2023	<p>On-going</p>
D. 20/16	<p>MIDANPIRG CONCLUSION 20/16: IMPLEMENTATION OF C-DEC225: ESTABLISHMENT OF DOHA FOR/SRR</p> <p><i>That,</i></p> <p><i>a) the ICAO MID Office to monitor the implementation of the C-DEC225/10 and facilitate coordination between the States concerned, as required;</i></p> <p><i>b) States to carry out bilateral and multilateral coordination to finalize the operational and technical requirements, including the necessary letters of agreement;</i></p>	Support the implementation of C-DEC225/10	<i>Develop a roadmap for the implementation of phase 2</i>	Qatar, MIDRMA, Multilateral coordination group		<p>On-going</p> <p>The subject will be addressed in WP/6</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	<p><i>c) MIDRMA to conduct a safety Monitoring assessment for the RVSM airspace within Bahrain and Doha FIRs, highlighting bottlenecks, hotspots and areas of traffic congestion;</i></p> <p><i>d) Qatar to provide inputs for the development of the required proposal(s) for amendment to the MID ANP;</i></p> <p><i>e) States and other Stakeholders to provide implementation feedback and comments to the MID Office on a quarterly basis for review by the ATM SG; and</i></p> <p><i>f) the ATM SG to agree on necessary measures for the conduct of the technical study necessary to support the decision-making for the implementation of Phase 2 and develop a roadmap for the implementation of phase 2 to be presented to MIDANPIRG for endorsement.</i></p>					
D. 20/27	<p>MIDANPIRG CONCLUSION 20/27: PROPOSAL FOR AMENDMENT TO THE MID EANP VOLUME II, TABLE ATM II-MID-I: MID REGION ATS ROUTE NETWORK</p> <p><i>That, the ICAO MID Office process the Proposal for Amendment to the MID ANP Vol II, Table ATM II-MID-I, at Appendix 6.5A, in accordance with standard PFA procedure.</i></p>	To update the ATS route network to meet the regional and operational requirements	Revised ANP Vol II, PFA process	MID States, ICAO MID	2023	<p>On-going</p> <p>The subject will be addressed in WP/7</p>
C 20/28	<p>MIDANPIRG CONCLUSION 20/28: PROPOSAL FOR AMENDMENT TO THE MID EANP VOLUME II, TABLE ATM II-MID-2: MID REGION SSR CMP</p> <p><i>That, the ICAO MID Office process the Proposal for Amendment to the MID eANP Vol II, Table ATM II-MID-2, at Appendix 6.5C, in accordance with standard PFA procedure.</i></p>	Optimize the applications of SSR within the MID CMP	Revised CMP, PFA process	ICAO MID	2023	<p>On-going</p> <p>The subject will be addressed in WP/14</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
D. 20/29	<p>MIDANPIRG DECISION 20/29: DISSOLUTION OF THE FWC2022 TASK FORCE</p> <p><i>That, the FWC2022 Task Force is dissolved.</i></p>					Completed (to be closed)
D. 20/30	<p>MIDANPIRG DECISION 20/30: MID ATM CONTINGENCY PLANNING AD-HOC ACTION GROUP</p> <p><i>That,</i></p> <p><i>a) the MID ATM Contingency Planning Ad-hoc Action Group to continue working on a comprehensive review of the MID Region ATM Contingency Plan (MID Doc 003), taking into considerations the lessons learnt from recent events specifically contingency of Khartoum FIR;</i></p> <p><i>b) the MID ATM Contingency Planning Ad-hoc Action Group be composed of:</i></p> <ul style="list-style-type: none"> - the Chairpersons of the ATM SG; - Abdulla Al Qadhi (Bahrain); - Ahmad Abu Ghaleb (Saudi Arabia); - Sharron Caunt (IATA); - Faisal Al Assosi (Kuwait); - Ehab Raslan (Egypt); - Saleh Al Nesf (Qatar); - Nasser Salem Al Mazroe (Oman); - Saqr Marashdah (UAE); - Meisam Shaker Arani (Iran); - Javier Vanegas (CANSO); - Travis Fiebelkorn (FAA); and - ICAO MID Office (Secretariat). <p><i>c) present the revised version of the MID Region ATM Contingency Plan (MID Doc 003) to the ATM SG/9 for review and enhancement, before presentation to the MIDANPIRG/21 meeting for endorsement.</i></p>	Revised MID ATM Contingency Plan	Revised MID Doc 003	Ad hoc action group	2023	On-going The subject will be addressed in WP/12

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 20/31	<p>MIDANPIRG CONCLUSION 20/31: CONTINUATION OF THE CMC/FUA ACTION GROUP</p> <p><i>That, ICAO to organize a workshop to raise awareness among all stakeholders regarding the CMC implementation, including operations of due regard aircraft over high seas, and support State to develop the national CMC plan.</i></p>	Implementation of ICAO guidance material available within Doc 10088	Implementation of National CMC/FUA	MID States	2023	<p>On-going</p> <p>The subject will be addressed in WP/19</p>
	<p>MIDANPIRG CONCLUSION 20/32: MID HIGH LEVEL AIRSPACE CONCEPT V2.0</p> <p><i>That, the MID High Level Airspace Concept Version 2.0 at Appendix 6.5F is endorsed and be published as the MID High Level Airspace Concept V2.0.</i></p>					
D. 20/33	<p>MIDANPIRG DECISION 20/33: DISSOLUTION OF THE HIGH-LEVEL AIRSPACE CONCEPT ACTION GROUP (HLAC AG)</p> <p><i>That, the High Level Airspace Concept Action Group (HLAC AG) Action Group is dissolved.</i></p>					<p>Completed (to be closed)</p>
C. 20/34	<p>MIDANPIRG CONCLUSION 20/34: SAR WORKSHOP</p> <p><i>That, the ICAO MID Office organize a SAR Workshop in 2024, to address the challenges related to SAR in the MID Region.</i></p>	Raise awareness related to newly introduced SAR services	Workshop	ICAO MID	2024	<p>On-going</p> <p>The subject will be addressed in WP/25</p>
C 20/43	<p>MIDANPIRG CONCLUSION 20/42: MID REGION GUIDANCE FOR THE IMPLEMENTATION OF AIDC/OLDI (ICAO MID DOC 006)</p> <p><i>That, the revised version of the MID Region Guidance for the Implementation of AIDC/OLDI as at Appendix 6.6E is endorsed and be published by ICAO MID.</i></p>	Development of guidance of AIDC/OLDI implementation	Doc 006	ICAO MID	2023	<p>Completed (to be closed)</p> <p>(WP/23 refers)</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
D. 20/46	<p>MIDANPIRG DECISION 20/46: NAV MON PLAN TEMPLATE</p> <p><i>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.</i></p>	Develop a MON NAV Plan template				<p>On-going</p> <p>The subject will be addressed in WP/23</p>
D. 20/47	<p>MIDANPIRG DECISION 20/47: GNSS RFI MITIGATION</p> <p><i>That, the ICAO MID Office is requested to:</i></p> <p><i>a) follow-up with Egypt and Iraq on actions taken to mitigate the likelihood and impact of GNSS RFI within Cairo and Baghdad FIRs; and</i></p> <p><i>b) collaborate with ACAO to assess the feasibility of establishing a Regional GNSS RFI monitoring System and report the outcome to the CNS SG/13 and MIDANPIRG/21 meetings.</i></p>					<p>On-going</p> <p>The subject will be addressed in WP/21 and 22</p>
C. 20/51	<p>MIDANPIRG CONCLUSION 20/51: MID REGION SURVEILLANCE PLAN (ICAO MID DOC 013)</p> <p><i>That, the revised version of the MID Region Surveillance plan as at Appendix 6.6I, is endorsed.</i></p>					<p>On-going</p> <p>The subject will be addressed in WP/23</p>