



International Civil Aviation Organization

**MIDANPIRG Air Traffic Management Sub-Group**

**Eleventh Meeting (ATM SG/11)**  
**(Abu Dhabi, UAE, 19 – 23 October 2025)**

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**Agenda Item 2: Follow-up on ATM SG/10 and MIDANPIRG/22 Conclusions and Decisions related to ATM/SAR**

**FOLLOW-UP ON ATM SG/10 AND MIDANPIRG/22 CONCLUSIONS AND DECISIONS  
RELATED TO ATM/SAR**

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents MIDANPIRG/22 Conclusions and Decisions relevant to ATM/SAR and the follow-up actions taken.

Action by the meeting is at paragraph 3.

**REFERENCES**

- MIDANPIRG/22 & RASG-MID/12 Report (Doha, Qatar, 4 - 8 May 2025)
- ATM SG/10 (Jeddah, Saudi Arabia, 20 – 23 October 2024)

**1. INTRODUCTION**

1.1 The Twenty-second Meeting of the Middle East Air Navigation Planning and Implementation Regional Group and the Twelfth Meeting of the Regional Aviation Safety Group-Middle East (MIDANPIRG/22 & RASG-MID/12) were held in Doha, State of Qatar, from 4 to 8 May 2025.

1.2 The MIDANPIRG/22 meeting endorsed 37 Conclusions and Decisions; of which 19 were considered relevant to the work of the ATM/SAR.

**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/22 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.

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**FOLLOW-UP ON PREVIOUS CONCLUSIONS & DECISIONS**

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 20/31	<b>CONTINUATION OF THE CMC/FUA ACTION GROUP</b>  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.	Need to conduct regional workshop  States required to develop their National CMC plan	Conduct CMC Workshop  States National CMC Plan	ICAO MID & MID States		On going Refer WP/22  On going Refer WP/22
C. 21/17	<b>MID REGIONAL ATM CONTINGENCY PLAN (V5.0)</b>  That, 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); b) ICAO MID Office develop required structure on ICAO MID website and keep it up to date regarding MID States contingency plans, agreement, SOD of CCT meetings, contact list and etc.; 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 d) by organizing individual workshops, ICAO MID supports the development of National Contingency Plans by the MID States.	Need to conduct regional workshop  States required to develop their National Contingency plan  Need to create Contingency repository under ICAO MID website	Conduct Contingency Workshop  States National Contingency Plan  ICAO MID Contingency website	ICAO MID & MID States		Conducted  On going Refer WP/9  On going Refer WP/9
C. 21/19	<b>DEVELOPMENT OF MID STATES ATFM PLAN</b>  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;	States required to develop their National ATFM plan  Need to conduct individual workshop	State ATFM National Plan  Conduct Workshop			On going Refer WP/16

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	<p>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 &amp; IB), where requested; and</p> <p>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.</p>	Need to identify ATFM priority implementation Area	List of priority			
C. 2	<p><b>CONSOLIDATED REGIONAL APPROACH TO GNSS RFI MANAGEMENT</b></p> <p>That, a consolidated regional approach for the management of GNSS RFI be established with the following actions:</p> <p>a) States be urged to:</p> <p>i. Support the establishment of regional GNSS RFI monitoring and reporting mechanisms through the appropriate MID regional frameworks;</p> <p>ii. maintain an adequate network of conventional navigation aids to ensure continuity of air navigation services in case of GNSS signal degradation;</p> <p>iii. strengthen civil-military coordination and ensure timely sharing of information related to intentional GNSS interference;</p> <p>iv. define reversion scenarios and associated contingency procedures to maintain safe and efficient operations in the event of GNSS unavailability.</p> <p>b) ICAO MID Office be requested to:</p> <p>i. coordinate the development of the regional GNSS RFI management framework and potential reporting mechanism;</p> <p>ii. support States through regional capacity building and awareness activities on GNSS interference detection and mitigation;</p>	<p>need to develop CMC plan</p> <p>need to update State contingency plan</p>	<p>develop CMC plan</p> <p>update State contingency plan</p>	MID States		On going Refer WP/8

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	iii. liaise with ICAO Headquarters to contribute to the deployment of global guidance material specifications, including the GNSS RFI mitigation iPack and available information exchange mechanisms.					
D. 3	<b>AMENDED RASG-MID SAFETY ADVISORY 14</b> That, the amended RASG-MID Safety Advisory 14 (RSA-14) at Appendix 2B is endorsed.	need for its revision to incorporate inputs from both ATM, CNS and PBN SGs operational response measure	Revised version of RSA-14	MIDANPIRG/22	2025	<b>Completed</b> Refer WP/8
C. 22/1	<b>MID AIR NAVIGATION REPORT-2024</b> That, the MID Air Navigation Report-2024 be endorsed and published under the ICAO MID Office website.	To publish the status of implementation in the MID Region for the year 2024	MID AN Report 2024 is endorsed and posted	ICAO MID	May 2025	<b>Completed</b> Refer WP/3
C. 22/2	<b>MID AIR NAVIGATION PLAN VOLUME III (EDITION 2025)</b> That, MID Air Navigation Plan Volume III (Edition 2025) be endorsed and published under the ICAO MID Office website.	To update the MID ANP VOL III (Edition 2025)	Revised MID Air Navigation Plan Volume III is endorsed and posted	ICAO MID	May 2025	<b>Completed</b> Refer WP/27
C.22/3	<b>MID AIR NAVIGATION STRATEGY (EDITION MARCH 2024 REVISION FEBRUARY 2025)</b> That, the MID Air Navigation Strategy (ICAO MID DOC 002, Edition March 2024, Revision February 2025) be endorsed and	To update the MID Air Navigation	Revised MID Air	ICAO MID	May 2025	<b>Completed</b> Refer WP/27

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
	published under the ICAO MID Office website.	Strategy (Edition 2025)	Navigation Strategy is endorsed and posted			
C. 22/4	<p><b>MID REGION AIR NAVIGATION REPORT (2025)</b></p> <p>That,</p> <p>a) States urged to provide the ICAO MID Office with the following data for the development of the MID Region Air Navigation Report-2025 by 31 December 2025:</p> <ul style="list-style-type: none"> <li>i. the status of implementation of Priority 1 ASBU elements;</li> <li>ii. major achievements and success stories</li> <li>iii. information about any additional ASBU elements from Block 0, 1 and 2 that have been identified as a priority for implementation at National level; and</li> <li>iv. progress achieved for the implementation of the Performance Based Approach and development of National Air Navigation Plan (NANP).</li> </ul> <p>b) the MID Air Navigation Report (2025) be presented to the MIDANPIRG/23 for endorsement.</p>	To monitor and report the status of implementation within the MID Region for the year 2025	<p>ICAO MID State Letter</p> <p>Data collection for AN Report 2025</p> <p>Development of Air Navigation Report 2025</p>	<p>ICAO MID</p> <p>MID States</p> <p>ICAO MID</p>	<p>End of 2024</p> <p>Q1 2025</p> <p>MIDANPIRG/23</p>	<p><b>On going</b></p> <p>Refer WP/3</p>
C. 22/5	<p><b>ARTIFICIAL INTELLIGENCE IN ANS</b></p> <p>That, States and industry stakeholders be encouraged to prioritize and conduct capacity-building initiatives, to foster expertise and knowledge-sharing in AI technologies, regulatory frameworks, and risk management strategies.</p>	To prioritize and conduct capacity-building initiatives, to foster expertise of AI implementation in ANS				<p><b>On going</b></p> <p>Refer WP/19</p>

No.	CONCLUSIONS AND DECISIONS	CONCERNS/ CHALLENGES (RATIONALE)	DELIVERABLE/ TO BE INITIATED BY		TARGET DATE	STATUS/REMARKS
C. 22/6	<b>DEVELOPMENT OF REGIONAL ATM MONITORING DASHBOARD</b>  That,  a) the Air Traffic Management Monitoring Dashboard be developed by ATM SG to monitor ATM related items, based on the offer received from Saudi Arabia; and  b) the progress of the Dashboard be presented to MIDANPIRG/23 meeting for further deliberation, including the potential expansion of the proposed dashboard to monitor status of other ANS items.	To support visualization of complex data monitored by TM SG	Initial ATM Monitoring Dashboard	ICAO MID Saudi Arabia	MIDANPIRG/23	<b>On going</b>  Refer WP/33
C. 22/7	<b>MID RVSM SMR 2024</b>  That, the MID RVSM Safety Monitoring Report (SMR) 2024 at Appendix 5E, be endorsed.	Develop SMR2024	SMR2024	MIDRMA	MIDANPIRG/22	<b>Completed</b>  Refer WP/6
C. 22/8	<b>REPORTING OF LHDS</b>  That, in order to assess compliance with Safety Objective 2, the MIDRMA Member States be urged to:  a) take necessary measures to ensure that LHDs (Categories A, B, C, D, E, H, J and K) are reported in timely manner to the MIDRMA using the LHD Online LHD Reporting Tool available on the MIDRMA website ( <a href="https://midrma.com/lhd/home/login">https://midrma.com/lhd/home/login</a> );  b) provide, on timely bases, their reported LHDs (related to the above LHD Categories) to the MIDRMA for the development of the MID RVSM Safety Monitoring Reports and to ensure that RVSM implementation continue to be safe in the MID Region;  c) coordinate with MIDRMA, as required;	Collection of LHD to assess compliance with Safety Objective #2  Capacity building for states, when required	Submission of LHDs  Training and capacity building (virtual)	MID States  MIDRMA	2025  Continuous	<b>Completed</b>  Refer WP/6

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	d) MIDRMA conduct periodic meetings (vis web conference), at least once every 3 months, with the ATC Focal Points; and e) MIDRMA presents the ATM-technical matters to the ATM SG for appropriate actions.					
C. 22/9	<b>MID RVSM SMR 2025</b>  That, a) the FPL/traffic data for the period 01 – 31 May 2025 to be used for the development of the MID RVSM Safety Monitoring Report (SMR 2025); before 1 July 2025. b) only the appropriate Flight Data form available on the MIDRMA website (www.midrma.com) should be used for the provision of FPL/traffic data to the MIDRMA; and c) the final version of the MID RVSM SMR 2025 be ready for presentation and endorsement by the MIDANPIRG/23 Meeting.	Development of SMR2025	State Letter  Submission of the TDS and LHD Data  Develop SMR2025	ICAO MID  MID States  MIDRMA	MIDANPIRG/23	<b>On going</b>  SL Ref: AN 6/5.10.15A – 25/106 dated 27 May 2025 Data submission by MID States  Preliminary results discussed in WP/6
D. 22/10	<b>PROJECT 30/10 ROADMAP</b>  That, the ATM SG develop roadmap for the implementation of Project 30/10 in the MID Region, including the inter-regional aspects.	Need to develop roadmap to implement Project 30/10	implement Project 30/10 roadmap	ICAO and MID States		<b>On-going</b> Refer WP/21
C. 22/11	<b>IMPLEMENTATION OF REDUCED LONGITUDINAL SEPARATION IN THE MID REGION</b>  That, a) States, that have not yet done so: i. be urged to implement reduction of longitudinal separation	Need to reduce longitudinal separation	Implementation of reduction longitudinal	ICAO and MID States		<b>On-going</b> Refer WP/21



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	<p>where appropriate:</p> <ul style="list-style-type: none"> <li>- reduce longitudinal separation down to 10 NM; where ATS surveillance service provided; and</li> <li>- reduce longitudinal separation down to 30 NM, where no ATS surveillance service provided.</li> </ul> <p>ii. be invited to agree with their adjacent FIRs/States on the date of implementation and updating of the LoAs.</p> <p>b) the ATM SG monitors the progress of implementation and undertakes necessary measures to promote its advancement.</p>	<p>Need to update LoA with adjacent FIRs</p> <p>Need to develop required monitoring mechanism to monitor the progress of implementation</p>	<p>separation</p> <p>Update LoAs</p> <p>Monitoring tools including indicator, metrics etc.</p>			
D. 22/12	<p><b>AIRSPACE MANAGEMENT WORKING GROUP (ASM WG) TERMS OF REFERENCE</b></p> <p>That, the Terms of Reference of the Airspace Management Working Group, at Appendix 5H, is endorsed.</p>	Development of ASM WG TOR	ASM TOR	ASM WG members	MIDANPIRG/22	Completed WP/15 refers
C. 22/13	<p><b>FREE ROUTE IMPLEMENTATION GUIDANCE MATERIAL</b></p> <p>That, the Guidance material for Free Route implementation at Appendix 5I, is endorsed.</p>	Development of FRA guidance material supported by the expertise of states implemented the FRA within their FIRs	FRA guidance material	MID States	MIDANPIRG/23	Completed
C. 22/14	<p><b>NATIONAL ATM CONTINGENCY PLAN/ARRANGEMENT</b></p> <p>That,</p> <p>a) ICAO MID Office assist MID States, where required, in the development of their National ATM Contingency Plans in a harmonized manner by organizing tailored workshops for each State upon request;</p>	Assistance to States in the development of their National CPs in consultation with the Airspace users.	National Contingency Plans	MID States	MIDANPIRG/23	On going Refer WP/9

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	b) States be encouraged to coordinate with IATA and Airspace Users on the planning and implementation of contingency measures within the National ATM Contingency Plans; and  c) IATA to provide the available operational data and users' requirements to enable proper planning.					
C. 22/33	<b>AIR NAVIGATION DEFICIENCIES</b>  That,  a) States be urged to:  i. use the MID Air Navigation Deficiency Database (MANDD) for the submission of requests for addition, update, and elimination of Air Navigation Deficiencies, including the submission of a specific Corrective Action Plan (CAP) and completion date for each deficiency; and  ii. submit a Formal Letter to the ICAO MID Regional Office containing the evidence(s) that mitigation measures have been implemented for the elimination of deficiency(ies) when requesting the elimination of deficiency(ies) from the MANDD.  b) ICAO MID be urged to:  i. review the status of the recorded deficiency in MANDD on a quarterly basis and send reminder to States focal point(s) to ensure MANDD is kept up to date; and  ii. technically support MID States to eliminate recorded deficiencies in MANDD.	Need update MANDD including CAP and completion date  Need to submit letter to ICAO MID with supporting documents and evidence  Need to review the records in MANDD and send reminder to FPs  Need to support States to eliminate their deficiencies	ICAO and MID States  MANDD will be updated  Official letter to ICAO MID  Reminder email to States FPs  Elimination of deficiency			<b>On going</b>  Refer WP/30

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D.22/34	<b>REVISED TERMS OF REFERENCE FOR MIDANPIRG SUBSIDIARY BODY</b>  That, all Subsidiary bodies include in its meeting agenda revision of Terms of Reference, in a collaborated manner with other subgroups to ensure less duplication of assigned tasks and responsibilities.	Need to revise the TOR of SGs	Revised TOR	ATM SG	MIDANPIRG/23	<b>On going</b>  Refer WP/31
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