



International Civil Aviation Organization

MIDANPIRG Airspace Management Working Group

Fourth Meeting (ASM WG/4)
(Virtual, 20 – 21 May 2026)

Agenda Item 2: ASM Developments

REVIEW AND UPDATE THE ASM ACTION PLAN

(Presented by the Secretariat)

SUMMARY

The paper presents the Action Plan for the implementation of the identified ASM priorities (Low hanging fruit/Quick-Wins) in the MID Region, according to the agreed Methodology; to be reviewed and updated by the meeting.

Action by the meeting is at paragraph 3.

REFERENCES

- ASM WG/23 Meeting (Virtual, 21 - 22 January 2026)
- ATM SG/11 Meeting (Abu Dhabi, UAE, 19 - 23 October 2025)
- MIDANPIRG/22 Meeting (Doha, Qatar, 4 - 8 May 2025)

1. INTRODUCTION

1.1 In accordance with its Terms of Reference, the ASM WG is required to address the challenges in Airspace Management and provide a forum for the ATM specialists in the Region to work together to improve safety and efficiency, increase airspace capacity to meet future demand requirements; and reduce the environmental impact of increasing air traffic by offering improved ATM operations.

1.2 The ASM WG/1 meeting has developed the initial version of the ASM Action Plan, which has been updated in ASM WG/2 meeting accordingly.

1.3 The States and International Organizations were requested to progress the agreed actions and provide continuous update to the ASM WG.

2. DISCUSSION

2.1 The meeting may wish to recall the list of ASM priorities focus areas:

- Implementation of PBN in Enroute
- Implementation of reduction of longitudinal separation
- ATS route network (including establishment of ATS routes, designators and 5LNCs)

- ASM improvements (CMC and FUA, FRA, RAD, TOS, FLAS & LoA)
- RPAS/UTM
- FF-ICE implementation
- Others related tasks

2.2 The meeting may wish to recall the ATM SG/11 outcome for creating a *“regional coordination mechanism to enhance airspace management and channelling of the main flow of the traffic in normal and contingency situation in the MID region in harmonized manner”*. The ATM SG/11 agreed that this subject should be considered as one of the focus areas under the ASM WG Action Plan to assess requirements for implementation of such mechanism at MID region.

2.3 The meeting may wish to recall MIDANPIRG/22 meeting which assigned the ASM Working Group for development of regional FF-ICE roadmap. Given that the establishment of FF-ICE encompasses multiple disciplines, the ATM SG/11 has requested ASM WG to develop an initial roadmap including the operational requirements from ATM perspective and share it with the CNS and AIM SGs for their feedback before presenting to MIDANPIRG/23 for review and endorsement.

2.4 The meeting may wish to review and invite the champions to provide updates on the progress of the items in the Action Plan in **Appendix A**.

3. ACTION BY THE MEETING

3.1 The meeting is invited to review and amend the progress of the ASM Action Plan items in **Appendix A**.

ASM Action Plan

I. List of ASM priority focus areas:

1. Implementation of PBN in Enroute
2. Implementation of reduction of longitudinal separation
3. ATS route network (including establishment of ATS routes, designators and 5LNCs)
4. ASM improvements (CMC and FUA, FRA, RAD, TOS, FLAS & LoA)
5. RPAS/UTM
6. FF-ICE implementation
7. Others related tasks

II. List of Action Items and implementation Status (as of 12 January 2026)

Focus area number	Action		Target date	Deliverable	Champion	Reference	Status / RMK
	No.	Description					
1	1.1	Publish implementation of RNAV 5 in their FIRs		RNAV 5 routes should be published in AIP ENR 3.2.	Lebanon	MIDANPIRG Conclusion 12/9	
					Libya		
					Syria		
	1.2	Implement RNAV 5 in the level band FL160 - FL460		Update State AIP, ENR 3.3 to indicate implementation of the RNAV 5 in the level band FL160 - FL460 (inclusive).	Egypt	MIDANPIRG Conclusion 12/9	On going
					Iran		
					Lebanon		
					Libya		
					Syria		
	1.3	Publish RNAV routes in relevant part in the AIP		All RNAV routes either defined by RNAV designator or non-RNAV designator publish in ENR 3.2	Egypt		
					Kuwait		AIP Amend published Task completed ASM WG/2
					Yemen		On going
	1.4	RNAV5 to RNAV1 within Baghdad and Kuwait FIR		Development of 3 parallel RNAV1 routes at interface Kuwait and Baghdad FIRs	Kuwait	ASM WG/2	
					Iraq		

Focus area number	Action		Target date	Deliverable	Champion	Reference	Status / RMK
	No.	Description					
2	2.1	develop roadmap for the implementation of Project 30/10 in the MID Region, including the inter-regional aspects		Draft Roadmap	ASM WG	MIDANPIRG Conclusion 22/10	Task completed ASM WG/4 WP/6: Draft roadmap has been developed will be presented to MIDANPIRG/23
	2.2	Coordinate with neighboring States to reduce surveillance longitudinal separation down to 10 NM, or non-surveillance to 30NM.		Implementation Checklist	ASM WG	MIDANPIRG Conclusion 22/11 Conclusion 13/5	Task completed ASM WG/4 WP/5: The status of separation between adjacent FIRs developed. This list is the part of the roadmap for implementation of Project 30/10
3	3.1	Remove prefix “U” from ATS route designators		Revise AIP, ENR 3 to remove prefix “U”	Bahrain (A453, B415, B416, B419, B457, G663, L305, L308, L319, L438, L443, L602, L604, L768, M430, M444, M677, M872, N300, N318, N563, N571, N685, N687, N697, N929, P425, P430, P559, P693, P699, P899, P975 & R659).	MSG Conclusion 6/9	Task completed ASM WG/3
					Egypt (A1, A16, A411, A727, B12, B411, L315, L321, L550, L551, L604, L607, L612, L613, L617, L677, M305, M309, M312, M686, M690, M872, M999, N307, N316, N697, P557, P563, P751, R2 &		Task completed ASM WG/2

Focus area number	Action		Target date	Deliverable	Champion	Reference	Status / RMK
	No.	Description					
					R650).		
					Iran (A416, A418, A422, A453, A647, A788, B121, B411, B416, B417, B441, B451, G202, G452, G663, G665, G666, G667, G669, G670, G775, G781, G792, L124, L125, L223, L319, L333, L430, M316, M318, M434, M561, M573, N319, N440, P146, P567, P574, R205, R401, R462, R654, R659, R660, R661, R784 & R794)		Task completed ASM WG/2
					Iraq (A424, B411, G202, G665, G667, G669, G795, L200, L417, L602, M203, M434, M688, M860, M861, P975 and R652).		Task completed ASM WG/3
					Jordan (UM690, UR785, UB544, etc.)		Task completed ASM WG/2
					Lebanon (UM425, UL620, UN438, etc.)		
					Oman (UB424, UL425, UB535, etc.)		Task completed
	3.2	Change ATS route designators		Revise AIP, ENR 3 to change the required ATS route designators in accordance with ANP volume II.	Bahrain (T557 to L557, Y604 to L704, Y856 to M556, T308 to M708, Z622 to M722, T872 to N572, T602 to N702, T319 to P319, T430 to P550, T444 to P700, T934 to P713)	Approved PfAs MID.II.2201-ATM & MID.II.2302-ATM	Task completed ASM WG/3

Focus area number	Action		Target date	Deliverable	Champion	Reference	Status / RMK
	No.	Description					
					<p>Iran (W4 to A414, W136 to M434, W148 to B418, W141 to B541, W147 to B547, J5 to M555, Z151 to L700/N717, Q13 to L713, Z627 to L717, Z680 to L720, T301 to M701, Z670 to M710, T215 to M715, T218 to M718, Q19 to M719, Z675 to N567, Z350 to N570, T665 to N700, T602 to N702, Z151 to N717, T202 to P302, T319 to P319, T430 to P550, Z855 to P558, T975 to P715 and Q18 to P718).</p> <p>Libya (V300 to A420, W861 to B727, G659 to J615, G660 to J622, G661 to J725, G662 to J730, G663 to J850, G665 to J855, G739 to J977, G855 to J980, W9 to M709, Z178 to N708, V100 to N711, W857 to N982, Z350 to P310, Z270 to P560, W863 to P563, Z333 to P573, W852 to P702, T295 to P706, T299 to P709, T297 to M707 & Y751 to M855).</p>		<p>On going</p> <p>WP/4: All changes have been completed except T665 to N700 which is required to publish by Iran, Qatar and UAE in the same format as a regional contingency route and active by NOTAMS</p>
							<p>Task completed ASM WG/2</p>

Focus area number	Action		Target date	Deliverable	Champion	Reference	Status / RMK
	No.	Description					
					<p>Oman (L695, M303, M681, M877, N430, P304, P316, P513, R402 to non-regional T507 to L559, T980 to L700, Q620 to M700, Z515 to M717, T970 to N570, Q978 to N718, Z515 to M717).</p>		Task completed ASM WG/3
					<p>Qatar (Y604 to L704, T665 to N700, T430 to P550, T444 to P700).</p>		On going WP/4: All changes have been completed except T665 to N700 which is required to publish by Iran, Qatar and UAE in the same format as a regional contingency route and active by NOTAMs
					<p>Saudi Arabia (G674, G799, M309 & R23 to non-regional H732 to M553, H741 to M320, J735 to P703, J749 to N709, J852 to M702, J874 to N704, T136 to L716, Y415 to M705, Y511 to M711, Z515 to M717, Q332 to N323, V13 to N703, Y517 to N707, T513 to N713, V975 to P705, Q510 to P710, T100 to P711, Q212 to P712, Q21 to P721, Q143 to P723, Q615 to P753, Q624</p>		Task Completed ASM WG/4 Effective date 06 August 2026

Focus area number	Action		Target date	Deliverable	Champion	Reference	Status / RMK
	No.	Description					
					to P752, T295 to P706 & T142 to N722)		
					Sudan (B572 to L567, M320 to M323, Y613 to M713, Q733 to M723, V790 to N720, T238 to P318, P562 to P572, Z980 to P720)		Task completed ASM WG/2
					Syria (A21 to R655, B538 to Q538, J222 to N310, Q52 to N565)		Task completed ASM WG/2
					UAE (L552 to Y552, T507 to L559, L562 to Q572, L565 to Q565, L568 to Q568, M302 to Q312, M322 to Q322, M552 to Z522, M558 to Y558, M560 to T560, M569 to Q569, N313 to Q323, N566 to Q576, T665 to N700, Q415 to N715, P308 to Q308, P311 to Q311, P317 to Q317, P321 to Q321, P553 to Q563)		On going WP/4: All changes have been completed except T665 to N700 which is required to publish by Iran, Qatar and UAE in the same format as a regional contingency route and active by NOTAMs and Q415 to N715 .
					Yemen (L566 to Y101, P552 to Y103, R799 to Y105)		Task completed ASM WG/2
	3.3	MID ATS Route PfA and Optimization of MID Region ATS Route Designator		develop plan and for review before processing the required PfA retain the designator	All MID States	ASM WG/3	On going WP/3: The proposal should be reviewed by the States and provide feedback in ASM WG/4

Focus area number	Action		Target date	Deliverable	Champion	Reference	Status / RMK
	No.	Description					
4	4.1	Continuation of FRA volume between UAE and Qatar		Detailed implementation plan	Qatar and UAE	ASM WG/1	On going, targeting Q3/2026
	4.2	Explore the feasibility of Development of Regional RAD/routing concept		RAD portal	Oman and Saudi Arabia. Other interested States	ASM WG/1	Oman: AIP Amend published. Saudi Arabia: On going targeting Q2 2026. RAD Portal is developed.
	4.3	Regional cooperation of optimization of major traffic flows		- Identification of the major traffic flow - Optimization of the network	Oman and MID States	ATM SG/10 WP/22 by Oman	On going ICAO MID and APAC will conduct Special Coordination Meeting between Oman and India on 3-4 June 2026, Bangkok, Thailand.
	4.4	Enhancement of Sana'a and Muscat FIRs interface by reactivation of position KAPET		- Revise letter of Agreement (LoA) between Yemen and Oman	Yemen Oman	ASM WG/3 PPT/10 by Yemen	On going Oman reported coordination meeting with Yemen is ongoing Oman is ready to reactivate position KAPET
5	5.1	Preparation for FF-ICE implementation		- ICAO APAC/MID ATFM and FF-ICE Seminar 2025 (Dubai, UAE, 23 – 26 Feb 2025)			Conducted
	5.2	AIDC/OLDI applicability area (FF-ICE enabler)		Develop draft FF-ICE (B0/1) applicability area (based on operational needs)			Task completed ASM WG/4 WP/8: Draft PfA has been

Focus area number	Action		Target date	Deliverable	Champion	Reference	Status / RMK
	No.	Description					
							developed and will be presented to MIDANPIRG/23
	5.3	Development of MID FF-ICE roadmap		Draft FF-ICE roadmap from operational (ATM) perspective	FF-ICE roadmap Action Group	MIDANPIRG ASM WG/3	Task completed ASM WG/4 WP/9: As agreed in ASM WG/3, the required report has been developed to present to MIDANPIRG/23 for further decision.
6	6.1	MID Region ATM Monitoring Dashboard		Support the development of the ATM Dashboard (offered by GACA/SANS)	GACA/SANS	ATM SG/9-10	Task completed ASM WG/3 The progress report and required demo will be presented to MIDANPIRG/23 for further decision.
	6.2	Air Navigation Plan (Vol. II): Homogenous Areas and Major Traffic Flow (Table GEN II-1)		review and update Table GEN II-1 for review before processing the required PfA		ASM WG-3	Task completed ASM WG/4 WP/7: Draft PfA has been developed and will be presented to MIDANPIRG/23