



International Civil Aviation Organization

MIDANPIRG Air Traffic Management Sub-Group

Tenth Meeting (ATM SG/10)

(Jeddah, Saudi Arabia, 20 – 23 October 2024)

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**Agenda Item 3: Planning and Implementation issues related to ATM/SAR**

**MID ANP, VOLUME II: MID ATS ROUTE NETWORK TABLE, OPTIMIZATION OF MID REGION ATS ROUTE DESIGNATOR**

*(Presented by the Secretariat)*

SUMMARY
This paper provides an update regarding the modification of ATS route designators in alignment with the approved PfAs, the elimination of the prefix "U," and the progress in the optimization of MID ATS route designators.
Action by the meeting is at paragraph 3.
REFERENCES
- ICAO Annex 11 edition
- MIDANPIRG/21 & RASG-MID/11 (Abu Dhabi, UAE, 4 – 8 March 2024)



**1. INTRODUCTION**

1.1 The meeting may wish to note that based on ICAO Annex 11, basic ATS route designators shall be assigned in accordance with the following principles.

- a) the same basic designator shall be assigned to a main trunk route throughout its entire length, irrespective of terminal control areas, States or regions traversed.
- b) where two or more trunk routes have a common segment, the segment in question shall be assigned each of the designators of the routes concerned, except where this would present difficulties in the provision of ATS, in which case, by common agreement, one designator only shall be assigned.
- c) a basic designator assigned to one route shall not be assigned to any other route.
- d) States' requirements for designators shall be notified to the ICAO-MID for coordination.

**2. DISCUSSION**

***ATS Route Table PfAs***

2.1 The meeting may wish to recall the MIDANPIRG Conclusions 19/13 and 20/27 as follows:

*MIDANPIRG CONCLUSION 19/13: PROPOSAL FOR AMENDMENT TO THE MID eANP VOLUME II, TABLE ATM II-MID-I: MID REGION ATS ROUTE NETWORK*

*That, the ICAO MID Office process the proposal for amendment to the MID eANP VOL II, Table ATM II-MID-I, at Appendix 5.7A, in accordance with standard procedure.*

And

*MIDANPIRG CONCLUSION 20/27: PROPOSAL FOR AMENDMENT TO THE MID eANP VOLUME II, TABLE ATM II-MID-I: MID REGION ATS ROUTE NETWORK*

*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.*

2.2 Accordingly, the Secretariat developed and processed PfAs MID.II.2201-ATM and MID.II.2302-ATM to eliminate all identified issues and challenges related to ATS route network.

2.3 Based on the outcomes of the two PfAs, the Secretariat has revised the ATS route table in MID ANP Volume II. Consequently, MID States are obligated to modify the ATS route designators as specified in the aforementioned documents. This matter was discussed during the ASM WG/1 meeting, and following updates from the States, the current status of the implementation of the ATS route designator changes is outlined in the table below.

State	Change route designator Pfa MID.II.2201-ATM & MID.II.2302-ATM
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
Egypt	Implemented
Iran	Implemented
Iraq	Implemented
Jordan	Implemented
Kuwait	Implemented
Lebanon	Implemented
Libya	Implemented
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
Qatar	Y604 to L704, T665 to N700, T430 to P550, T444 to P700
Saudi Arabia	G674, G799, M309 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, J874 to N704, Y517 to N707, J749 to N709, 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 to P752
Sudan	Implemented
Syria	Implemented
UAE	T665 to N700, Q415 to N715
Yemen	L566 to Y101, P552 to Y103, R799 to Y105, Z515 to M717 and establish LADLI-PUTSO

**Removal of ATS Route prefix “U”**

2.4 The meeting may wish to recall the MSG meeting conclusion 6/9 regarding removal of the prefix “U” from ATS route designators.

*MSG CONCLUSION 6/9:*

*REMOVAL OF PREFIX “U” FROM ROUTE DESIGNATORS*

*That, the ICAO MID Office:*

- a) *States take necessary measures to remove the prefix “U” from the route designators published in their AIPs to be completed by December 2020;*
- b) *a Proposal for Amendment to the MID eANP Volume II-Specific Regional Requirements - Table ATM II-MID-1 - MID Region ATS Routes be processed to remove the prefix ‘U’; and*
- c) *States support the MID Office to optimize the use of route designators in the MID Region.*

2.5 Based on the above, the ICAO MID Office assessed the progress of the implementation of MSG Conclusion 6/9 and noted that Iraq, Lebanon, and Oman had not executed the aforementioned conclusion.

**Optimization of ATS route designator**

2.6 The meeting may wish to note that the total number of regional route designators allocated to the MID region is 426.

- a) 122 (29%) Non-RNAV
  - i. 66 (54%) Non-RNAV designators assigned
  - ii. 56 (46%) designators not assigned
- b) 304 (71%) RNAV
  - i. 205 (67%) RNAV DESIGNATORS ASSIGNED
  - ii. 99 (33%) DESIGNATORS NOT ASSIGNED

Regional & Non-RNAV				Regional & RNAV			
A	B	G	R	L	M	N	P
400-424	400-424	650-674	650-674	300-324	300-324	300-324	300-324
775-799	524-549	775-799	775-799	550-574	550-574	550-574	550-574
				700-724	700-724	700-724	700-724

2.7 Based on study carried out by ICAO MID Office, the ATS route designator at interface of the MID region with adjacent regions and from one of the FIRs to other is normally changed which is totally contrary to the principles set out in paragraph 1.1 (ICAO Annex 11). Accordingly, MIDANPIRG meeting through Conclusion 21/5 endorsed the followings:

*MIDANPIRG CONCLUSION 21/5:*

*OPTIMIZATION OF MID REGION ATS ROUTE DESIGNATOR*

*That,*

- a) *the ICAO MID Office 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 regions; and*

- b) develop required Proposal for Amendment (PfA) to the MID eANP Vol II, Table ATM II-MID-I.*

**3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) urge the relevant States in para 2.3 to take the required action to implement MIDANPIRG Conclusions 19/3 and 20/27 to change ATS route designator in accordance with MID ANP, Volume II, ATS route table;
- b) urge the relevant States in para 2.5 to take required action to eliminate ATS Route prefix “U” from their AIPs in accordance with MSG meeting Conclusion 6/9; and
- c) support Secretariat to identify the MID region main flows, develop required PfA and change ATS route designators in accordance with MIDANPIRG Conclusion 21/5.

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