



International Civil Aviation Organization

MIDANPIRG/20 and RASG-MID/10 Meetings

(Muscat, Oman, 14-17 May 2023)

Agenda Item 6.5: ATM/SAR

MID SSR CODE MANAGEMENT PLAN (CMP)

(Presented by the Secretariat)

SUMMARY

This paper provides an overview of the developments of the consolidated PfA related to MID ANP Vol II, Table II MID-2: MID Region SSR Code Management Plan (CMP) table.

Action by the meeting is at paragraph 3.

REFERENCES

- ATM SG/8 Report (Amman, Jordan, 07 – 10 November 2022)
- ICAO Doc 4444: PANS - ATM
- ICAO Doc 005: MID SSR Code Management Plan (Edition December 2018)

1. INTRODUCTION

1.1 The meeting may wish to recall that the Middle East Secondary Surveillance Code Management Plan (CMP) has been produced on behalf of the Middle East Air Navigation Planning and Implementation Regional Group (MIDANPIRG).

1.2 The foundation of the SSR code allocation is included in the MID eANP volume II, Table ATM II-MID-2: MID Region SSR CMP.

1.3 The Middle East SSR Code Management Plan (MID Doc 005: MID SSR CMP) has been established to provide States in the ICAO MID Region with means to coordinate the use of SSR codes based on the principles of the Originating Region Code Assignment Method (ORCAM), which provides for the most efficient and economical use of codes. The plan is published under the ICAO MID Website.

1.4 The purpose of MID CMP is to detail the requirements to be met by the MID States to comply with the provisions of the Middle East Air Navigation Plan (MID ANP) (ICAO Doc 9708) as it pertains the management of Secondary Surveillance Radar (SSR) codes in the ICAO MID Region.

1.5 The MID SSR Code Allocation List (CAL) is available at Middle East Air Navigation Plan, Volume II, Table ATM II-MID-2.

2. DISCUSSION

2.1 The management of the MID SSR CMP is exercised by the ICAO MID Regional Office. States expecting to introduce or change SSR facilities are requested to advise the ICAO MID Regional Office well in advance, in order to provide sufficient time to carry out any necessary coordination and checks for the changes.

2.2 In order to serve their purposes, it is imperative that the MID SSR CMP list is kept up to date. States are therefore required to inform the MID Office of ICAO promptly of any requests for changes, additions, or deletions in regard to the use of specific codes.

2.3 In performing this objective, ATM SG/8 was tasked Secretariate to develop required dashboard for monitoring of allocated SSR codes to the MID States taking into account the followings procedures:

- a) for temporary allocation of reserved SSR Code, States are required to request officially from ICAO MID.
- b) the temporary reserved SSR code will be assigned for the requesting State for the duration of Six months, unless otherwise stated; from date of allocation by ICAO MID. After this period, the allocated SSR code will be released for another usage unless the relevant state request officially to extent duration of usage for another cycle or certain additional duration. At any case, this request shall be confirmed by ICAO MID Office.
- c) ICAO MID Office keep the dashboard updated and provide required reports to ATM SG meeting.

2.4 Based on the above, ICAO MID Office developed required dashboard to manage SSR Code List as well as with contribution of the MID States, reviewed and updated SSR Code Management Plan. The PfA at **Appendix A** is presented to MIDANPIRG/20 for final review and endorsement. Accordingly, the ATM SG/8 meeting agreed to the following Draft Conclusion:

Why	To update the Table ATM II-MID-2: MID Region SSR Code, considering States' requirements.
What	Process the PfA in accordance with standard procedure
Who	MIDANPIRG/20
When	June. 2022

DRAFT CONCLUSION 20/XX:

PROPOSAL FOR AMENDMENT TO THE MID EANP VOLUME II, TABLE ATM II-MID-2: MID REGION SSR CMP.

*That, the ICAO MID Office process the Proposal for Amendment to the MID eANP Vol II, Table ATM II-MID-2, at **Appendix A**, in accordance with standard PFA procedure.*

3. ACTION BY THE MEETING

3.1 The meeting is invited to review the Proposal for Amendment to the MID eANP Vol II, Table ATM II-MID-2, at **Appendix A**, review and endorse the Draft Conclusion in para 2.4;

APPENDIX A

AMENDMENT PROPOSAL

PROPOSAL FOR AMENDMENT OF THE ICAO
MID AIR NAVIGATION PLAN (DOC 9708), VOLUME II

(Serial No. MID-II-22/01-ATM)

- a) **Plan:** MID Air Navigation Plan Volume II – Part IV-ATM
Specific Regional Requirements
- b) **Proposed amendment:** Editorial note: Amendments are arranged to show “deleted text” using strikeout (~~text to be deleted~~), and “added text” with grey shading (text to be inserted)

TABLE ATM II-MID-2 – MID SSR CODE ALLOCATION LIST

- 1) **Amend** requirements for SSR code 0200-0277, 0400-0477, 1101-1177, 1200-1277, 1300-1377, 1500-1577, 2001-2077, 2100-2177, 2300-2377, 2400-2477, 2700-2777, 3200-3277, 3500-3577, 3700-3777, 4400-4477, 4600-4677, 5000-5077, 5100-5177, 6000-6077, 6100-6177, 6500-6577, 6600-6677 and 7400-7477.
- 2) **Add;** no SSR code was added to the list.
- 3) **Delete;** no SSR code was deleted from the list.

4) TABLE ATM II-MID-2 – MID SSR CODE ALLOCATION LIST

Code	AMMAN	BAGHDAD	BAHRAIN	BEIRUT	CAIRO	DOHA	DAMASCUS	EMIRATES	JEDDAH	KHARTOUM	KUWAIT	MUSCAT	SANA'A	TEHRAN	TRIPOLI
0001-0077 ²															
0101-0177 ¹										T					
0200-0277 ¹									ⓓ	T					
0300-0377 ²															
0400-0477 ²	D							D		D					
0500-0577 ¹								T							
0600-0677 ¹					D			D			D				
0700-0777 ¹	T														
1001-1077 ¹		T													
1101-1177 ¹	D							D						ⓓ	
1200-1277 ¹		D	D							D		D			
1300-1377 ¹		ⓓ						ⓓ	D					D	D

A-3

Code	AMMAN	BAGHDAD	BAHRAIN	BEIRUT	CAIRO	DOHA	DAMASCUS	EMIRATES	JEDDAH	KHARTOUM	KUWAIT	MUSCAT	SANAA	TEHRAN	TRIPOLI
6000-6077 ¹								D		Ⓜ					
6100-6177 ¹					D								D	D	
6200-6277 ¹								T							
6300-6377 ¹									D					D	
6400-6477 ³															
6500-6577 ⁴						D						Ⓜ			
6600-6677 ⁴												Ⓜ			
6700-6777 ²															
7001-7077 ¹														T	
7100-7177 ²															
7200-7277 ¹		T													
7300-7377 ¹					T										
7400-7477		Ⓜ													
7501-7577 ²															
7613-7677 ²															
7701-7775 ²															

T: codes allocated for Transit use

D: codes allocated for Domestic use

 ¹ Series allocated to the MID Region and Assigned to MID States

 ² MID Region SSR Reserve List for Domestic use

 ³ MID Region SSR Reserve List for Transit use

c) Originated by: The ATM SG/8 meeting (Amman, Jordan, 07 – 10 November 2022)

d) Intended date of implementation: As soon as practicable after approval

e) Originator's Comments

The changes proposed herein are the result of work undertaken by the MIDANPIRG ATM SG/8 meeting; and the coordinating with MID States to minimize impact of SSR Code duplication to misidentification of air traffic.

In addition, based on ANC resolution C-DEC 225/10 and establishment of Doha FIR/SRR, it is required to allocated separate SSR codes for transit and domestic operation of Doha FIR.

f) Secretariat's Comments

The ICAO Secretariat was fully engaged in the work of the ATM SG and coordination with states and therefore, fully support this amendment.

The task was initiated by the ATM SG/7 meeting (Virtual, 15 – 18 November 2021), finalized by the ATM SG/8 meeting (Amman, Jordan, 07 – 10 November 2022), endorsed by the MIDANPIRG/20 meeting (Muscat, Oman, 14-17 May 2023) and facilitated by the Secretariat.

g) Proposal circulated to following States and Organizations:

Bahrain	Lebanon	Yemen
Egypt	Libya	<u>International</u>
Cyprus	Malta	<u>Organizations:</u>
Greece	Oman	CANSO
Iraq	Qatar	EUROCONTROL
Iran, Islamic Republic of	Saudi Arabia	IATA
Israel	Sudan	IFALPA
Jordan	Syrian Arab republic	IFATCA
Kuwait	United Arab Emirates	

- END -