



International Civil Aviation Organization

MIDANPIRG Air Traffic Management Sub-Group

Eighth Meeting (ATM SG/8)
(Amman, Jordan, 7 – 10 November 2022)

Agenda Item 4: Planning and Implementation subject related to ATM/SAR

SSR CODE MANAGEMENT PLAN (CMP)

(Presented by the Secretariat)

SUMMARY
This paper presents the status of reserved SSR Code in the MID region Action by the meeting is at paragraph 3.
REFERENCE(S)
- ICAO Doc 4444: PANS - ATM - ICAO Doc 005: MID SSR Code Management Plan (Edition December 2018)

1. INTRODUCTION

1.1 The Middle East Secondary Surveillance Radar Code Management Plan has been produced on behalf of the Middle East Air Navigation Planning and Implementation Regional Group (MIDANPIRG).

1.2 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.

1.3 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.

1.4 The MID SSR Code Allocation List (CAL) is available at Middle East Air Navigation Plan, Volume II, Table ATM II-MID-2 as well as **Appendix A**.

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.

2.2 In order to serve their purposes, it is imperative that the MID SSR CMP list 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 To manage distribution of SSR Code and support large scale activities, the following code blocks have been reserved for tactical allocation to States on a temporary basis:

Domestic	Transit
0001 – 0077	2001 – 2077
0300 – 0377	5300 – 5377
6700 – 6777	5500 – 5577
7100 – 7177	6400 – 6477
7501 – 7577	
7601 – 7612	
7613 – 7677	
7701 – 7777	

2.4 To monitor the status of temporary reserved SSR Code, the available lists and correspondences depicted in **Appendix B** are not clear, so ICAO MID Office is proposing the following procedure and table in **Appendix C**:

- a) for temporary allocation of reserved SSR Code, State is 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 duration. At any case, this request shall be confirmed by ICAO MID Office.
- c) ICAO MID Office keep update **Appendix C** and provide required report to ATM SG meeting.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review and agree on the procedure in paragraph 2.4; and
- b) extent validity of the current allocated reserved SSR code until 30 January 2023. If the State needs to extend availability of the allocated reserved SSR code beyond 30 January 2023, State shall follow procedure in paragraph 2.4.

Code	AMMAN	BAGHDAD	BAHRAIN	BEIRUT	CAIRO	DAMASCUS	EMIRATES	JEDDAH	KHARTOUM	KUWAIT	MUSCAT	SANA'A	TEHRAN	TRIPOLI
4400-4477 ¹			T											
4500-4577 ¹								T						
4600-4677 ¹									D		D			
4700-4777 ¹											T			
5000-5077 ¹								D						
5100-5177 ¹													T	
5200-5277 ¹								T						
5300-5377 ³														
5400-5477 ¹													T	
5500-5577 ³														
5600-5677 ¹								D					D	
5700-5777 ¹						T								
6000-6077 ¹							D		D					
6100-6177 ¹							D					D		
6200-6277 ¹							T							
6300-6377 ¹								D					D	
6400-6477 ³														
6500-6577 ¹											D			
6600-6677 ¹											D			
6700-6777 ²														
7001-7077 ¹												T		
7100-7177 ²														
7200-7277 ¹		T												
7300-7377 ¹					T									
7400-7477 ¹		D												
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

SSR Code Allocation List

STATE FIR	Domestic Code	Domestic Code	Transit Code	Transit Code
Amman	0400 – 0477 1101 – 1177	2400 – 2477	0700 – 0777	
Baghdad	7400 – 7477	1300 – 1377	1001 – 1077	7200 – 7277
Bahrain	2100 – 2177 2700 – 2777	1200 – 1277	2200 – 2277 4400 – 4477	2600 – 2677 3200 – 3277
Beirut	2500 – 2577		4300 – 4377	
Cairo	0600 – 0677 2700 – 2777	2300 – 2377	1600 – 1677 7300 – 7377	3300 – 3377
Damascus	3000 – 3077		5700 – 5777	
Doha TMA	2300 – 2377	3200 – 3277	2600 – 2677	2700 – 2777
Emirates	0400 – 0477 6000 – 6077	0600 – 0677 6100 – 6177	0500 – 0577 3400 – 3477	1700 – 1777 6200 – 6277
Jeddah	0100 – 0177 3500 – 3577 3000 – 3077	0200 – 0277 5000 – 5077 4100 – 4177	3100 – 3177 5200 – 5277	4500 – 4577 4200 – 4277
Khartoum	1200 – 1277 5200 – 5277	5300 – 5377	0100 – 0177	
Kuwait	0600 – 0677		1400 – 1477	
Muscat	6600 – 6677 4600 – 4677	6500 – 6577	4000 – 4077	4700 – 4777
Sana'a	3700 – 3777		7001 – 7077	
Tehran	1101 – 1177 1500 – 1577 5600 – 5677	4100 – 4177 6300 – 6377	3600 – 3677 5400 – 5477	5100 – 5177
Tripoli	1300 – 1377		4000 – 4077	

SSR Code Reserve list

Domestic	Transit
0001 – 0077 temp. Yemen 23/03/2015 0001 – 0077 temp. Yemen 15/07/2015 0001 – 0077 temp to Qatar 1 Oct 2021	2001 – 2077 To Iraq 10 Nov 2016 2001 – 2077 To Iraq 15 Dec 2016
0300 – 0377 temp. Saudi Arabia 22/07/2014 0300 – 0377 temp. Saudi Arabia 90/90/2015 0300 – 0377 temp. Saudi Arabia 10/90/2016	5300 – 5377 Iraq 06/11/2017 5300 – 5377 Iraq 30/11/2018 5300 – 5377 Iraq 09/09/2019 5300 – 5377 Oman 30/06/2019
6700 – 6777 temp. Saudi Arabia 22/07/2014 6700 – 6777 temp. Saudi Arabia 09/09/2015 6700 – 6777 temp. Saudi Arabia 10/09/2016	5500 – 5577 Iran 31 Dec 2014 5500 – 5577 Iran 16 Jun 2015 5500 – 5577 Iran 31 Dec 2015 5500 – 5577 Iran 15 Mar 2019
7100-7177 temp UAE 09/10/2013 7100-7177 temp UAE 04/12/2014 7100 – 7177 (7100-7137) temp Egypt 03/3/2015 7100 – 7177 (7100-7137) temp Egypt 26/06/2016 7100-7177 temp UAE 24/10/2016 7100 – 7177 (7100-7137) temp Egypt 31/12/2016	6400 – 6477 UAE 14 June 2015 6400 – 6477 UAE 31 May 2016 6400 – 6477 UAE 15 Mar 2019

7100 – 7177 (7100-7137) temp Egypt 08/07/2018 7100 – 7177 (7100-7137) temp Egypt 31/12/2018 7100-7177 temp UAE 30/11/2018 7100-7177 temp UAE 31/10/2019 7100-7177 temp UAE (F1) 10 Dec 2020	
7501 – 7577 Temp Saudi Arabia 29/03/2015 7501 – 7577 Temp Saudi Arabia till 16/06/2015 7501 – 7577 Temp Saudi Arabia till 31/12/2015	
7601 – 7612 Red Cross/humanitarian	
7613 – 7677	
7701 – 7777	

2300 – 2377 Temp Qatar 30/03/2017 (Perm code)
