



International Civil Aviation Organization

MIDANPIRG Air Traffic Management Sub-Group

Third Meeting (ATM SG/3)
(Cairo, Egypt, 22 – 25 May 2017)

Agenda Item 5: Airspace Management Issues

SSR CODES ISSUES AT THE EUR/MID INTERFACE

(Presented by the Secretariat)

SUMMARY
This paper highlights the Secondary Surveillance Radar (SSR) Code issues at the EUR/MID interface, for the meeting appropriate action. Action by the meeting is at paragraph 3.
REFERENCES
- MIDANPIRG/15 Report

1. INTRODUCTION

1.1 The meeting may wish to recall that the Secondary Surveillance Radar (SSR) Code in the MID Region are managed through the MID SSR Code Management Plan (CMP), which was developed based on the study carried out by EUROCONTROL on the MID Regional traffic patterns for the month of June 2009.

2. DISCUSSION

2.1 The meeting may wish to recall that MIDANPIRG/15 meeting (Bahrain 8-11 June 2015) reviewed and endorsed a revised version of the SSR CMP as MID Doc 005, through the following Conclusion:

CONCLUSION 15/23: MID SSR CODE MANAGEMENT PLAN (CMP)

That,

- a) the Middle East Secondary Surveillance Radar Code Management Plan (MID SSR CMP) (Edition June 2015) is endorsed as MID Doc 005;*
- b) States (regulator and service provider) be urged to:*
 - i. take necessary measures to ensure strict compliance with the procedures included in the MID SSR CMP; and*
 - ii. report interference/conflict cases, if any, to the ICAO MID Regional Office related to the misuse of SSR codes.*

2.2 The meeting may wish to note that the ICAO Paris Office and EUROCONTROL approached ICAO MID Office concerning the interference of SSR Codes used by States at the interface between the ICAO EUR and MID Regions, in particular the Codes Series used by Greece, Libya and Malta.

2.3 In order to resolve the issue, ICAO, in coordination with EUROCONTROL, proposes to change the Transit SSR Series allocated to Libya from A2001-2077 to A7100-7177.

2.4 The meeting may also wish to note that the Domestic Code Series 2300-2377 has been allocated on temporary basis to Qatar, which is proposed to be allocated permanently.

2.5 It is to be highlighted that the above changes, as reflected in **Appendix A**, require the processing of a proposal for Amendment to the MID ANP Volume II –Table ATM II-MID-2 — MID SSR Code Allocation List.

2.6 The meeting may also wish to consider a review of the initial study from 2009, as with the recent traffic figures over the last years and the expected traffic growth in the future, there could be a scenario where the MID Region SSR code allocations could become saturated in the future.

3. ACTION BY THE MEETING

3.1 The meeting is invited to

- a) discuss and agree on the proposed solution to the SSR Codes interference between Greece, Libya and Malta;
- b) agree that the ICAO MID Office processes a PfA to amend MID ANP Volume II –Table ATM II-MID-2 as at **Appendix A**;
- c) consider a review of the initial study from 2009; and
- d) urge States to:
 - i. take necessary measures to ensure strict compliance with the procedures included in the MID SSR CMP; and
 - ii. report interference/conflict cases, if any, to the ICAO MID Office related to the misuse of SSR codes.

APPENDIX A

MID Region SSR Codes Allocation

Code	AMMAN	BAGHDAD	BAHRAIN	BEIRUT	CAIRO	DAMASCUS	DOHA TMA	EMIRATES	JEDDAH	KHARTOUM	KUWAIT	MUSCAT	SANAA	TEHRAN	TRIPOLI
0001-0077 ²															
0101-0177 ¹										T					
0200-0277 ¹									D						
0300-0377 ²															
0400-0477 ²	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						D	
1200-1277 ¹			D							D					
1300-1377 ¹		D						D							D
1400-1477 ¹											T				
1500-1577 ¹														D	
1600-1677 ¹					T										
1700-1777 ¹								T							
2001-2077 ³															T
2100-2177 ¹			D												
2200-2277 ¹			T												
2300-2377 ¹					D		D								
2400-2477 ¹	D														
2500-2577 ¹				D					D						
2600-2677 ¹			T												
2700-2777 ¹			D		D										
3000-3077 ¹						D			D						
3100-3177 ¹									T						
3200-3277 ¹			T												
3300-3377 ¹					T										
3400-3477 ¹								T							
3500-3577 ¹									D						
3600-3677 ¹														T	
3700-3777 ¹											D		D		
4000-4077 ¹											T				
4100-4177 ¹									D					D	
4200-4277 ¹									T						

Code	AMMAN	BAGHDAD	BAHRAIN	BEIRUT	CAIRO	DAMASCUS	DOHA TMA	EMIRATES	JEDDAH	KHARTOUM	KUWAIT	MUSCAT	SANA'A	TEHRAN	TRIPOLI
4300-4377 ¹				T											
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															T
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