



International Civil Aviation Organization

Sixth Meeting of the Frequency Management Working Group (FM WG/6)

(Cairo, Egypt, 27 – 28 September 2026)

Agenda Item 4:

FREQUENCY CONGESTION ISSUE

REDUCE AOC FREQUENCY BAND

(Presented by I.R. IRAN.)

SUMMARY

This paper presents the outcome of the FM WG/5 discussions regarding the proposal to reduce the AOC band and conduct a comprehensive assessment of channel availability for each service within the MID Region.

It highlights that there are variety of users in this band, and these communications are essential for operational safety; this must be taken into account to prevent further limitations.

Furthermore, given the importance of air traffic control communications, necessary measures must be implemented to meet frequency requirements in this sector.

Action by the meeting is at paragraph 4

REFERENCES

- MIDANPIRG/23 Report, Conclusion 21/24
- FM WG/5
- Annex10- VOL5
- DOC9718 VOL1 & 2

1. INTRODUCTION

1.1. Based on document 9718, the frequency band 128.825- 132.025MHz allocated to the AOC service in the Mid region, resulting in 128 available channels.

1.2. The Frequency band used by Airlines, helicopter service companies, and aviation schools for safety and administrative coordination.

2. DISCUSSION

2.1. Considering the safety-critical and commercial nature of communications in airlines, the exclusive use of frequencies is essential, as the shared use of a single frequency by multiple operators is not operationally feasible.

2.2. It is essential to consider technical criteria such as Desired to undesired ratio (D/U) and intermodulation consideration to prevent radio interference allocating frequencies; consequently, it is not technically feasible to utilize all available channels.

3. CONCLUSION

3.1. In accordance with ICAO SARPs, the provision of secure and stable communication between flights and airline operations control centers (OCC), providing safe and secure aviation frequencies for this aim is essential.

3.2. Based on Annex10 VOL5, table 4-1, frequency bands 122-123.050 & 123.150-123.675MHz are allocated on a national basis.it is feasible to meet communication requirements related to air traffic control by these bands.

3.3. For avoiding further strain on airlines, the retention of the sub band allocated to the AOC must be taken into consideration.

4. ACTION BY THE MEETING

4.1. The meeting is invited to:

- a) The reduction of the AOC frequency band should be removed from the agenda.
- b) The use of the frequency bands 122–123.050 MHz and 123.150–123.675 MHz for air traffic control (ATC) communications in the Middle East region should be considered
- c) Discuss a regional transition plan and timeline to introduce 8.33 kHz Channel Spacing in the MID region

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