International Civil Aviation Organization

MIDANPIRG Communication, Navigation and Surveillance Sub-Group Fourteenth Meeting (CNS SG/14)
(Abu Dhabi, UAE, 19 – 23 October 2025)

Agenda Item 5:   **Frequency Management Working Group (FM WG/4) Main Matters**

OPTIMIZATION OF FREQUENCY ASSIGNMENT IN THE MID REGION
(Presented by I.R.IRAN)

SUMMARY

This paper was prepared based on the outcome of the FM WG/3 discussions regarding the implementation of MIDANPIRG Conclusion 21/24 – that was about Optimization of Frequency Assignment in the MID Region. It highlights the process for optimizing frequency and mitigate VHF frequency congestion at the regional level. Additionally, it outlines the need for modifications to the frequency recording process to ensure better coordination and use sources fairly.

REFERENCES

- MIDANPIRG/21 Report, Conclusion 21/24
- CNS SG/13 Report

1.   INTRODUCTION

1.1   MIDANPIRG/21 adopted Conclusion 21/24, that urged states to review and update their related data in the ICAO Frequency Finder (FF) tool. This conclusion emphasizes the optimization of frequency-assignment to reduce VHF congestion in the MID Region.

2.   DISCUSSION

2.1   CNS SG/13 identified, that there are facilities listed without proper identification and some frequency assignments have a larger Designated Operational Coverage (DOC) than the actual service area.

2.2   Inconsistencies have been observed between the ICAO Frequency Finder (FF) NAV database and the frequency information published in some States' AIPs (Aeronautical Information Publications). These discrepancies create operational risks and potential for harmful interference.

2.3   Furthermore, with respect to our last reviews on NAV Modul in FF we recognized that there are some frequencies with unreasonable geographic separation. It seems, that some states have registered multiple frequencies that have not been operational since some years ago

3. **CONCLUSION**

3.1   Frequencies recorded in the ICAO Frequency Finder tool in previous years should be reviewed by states.

3.2   Based on this measurement frequencies that were recorded and had not activated should   be   removed   from   the   list   of   registered   frequencies.

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