



International Civil Aviation Organization

**Communication Navigation and Surveillance
Sub-Group (CNS SG)**

**Fourth Meeting
(Cairo, 25 – 27 September 2011)**

Agenda Item 4: Review and update of AFTN/CIDIN Directory and CNS part of MID ANP and FASID Doc (9708)

REVIEW AND UPDATE OF AFTN/CIDIN DIRECTORY

(Presented by the Secretariat)

SUMMARY

This paper presents current version of the Routing Directory for AFTN/CIDIN Centers in the MID region with a view to update it with the latest information from participating States and propose ways for future update.

Action by the meeting is at paragraph 3.

REFERENCE

- ICAO HQ SL AN 7/49.1-09/34
- MIDANPIRG/12 Report
- MID AMC training 13-15 October 2009

1. INTRODUCTION

1.1 The Routing Directory for AFTN/CIDIN Centers in the MID Region was last updated during CNS SG/3 meeting held in Cairo 10 – 12 May 2010.

2. DISCUSSION

2.1 The meeting may recall that many new circuits are implemented as a result of the implementation of the NAFISAT and accordingly States are requested to advise ICAO of these implemented circuits in order to update the Routing Directory for AFTN/CIDIN Centers in the MID Region.

2.2 The meeting may also recall that States were encouraged to continue using high speed circuits between MID States centers using the state of the art digital technology and keep pace for implementing these high speed digital circuits links that will facilitate the transition to ATN. Accordingly MIDANPIRG/11 adopted Conclusion 11/57:

CONCLUSION 11/57: DIGITAL HIGH SPEED LINKS

That, in support of ATN implementation, MID States are urged to continue with the implementation of digital high speed links.

2.3 Based on the MIDANPIRG agreement that conclusions of general nature and whose status of implementation would be “Ongoing” for many years are more suitable for inclusion in the Air Navigation Plan hence the above conclusion to be included in the introduction part of part IV FASID.

2.4 Based on the above ICAO MID regional Office included the above conclusion in the last amendment proposal to the CNS PART of the MID FASID that was approved on 14 July 2010.

2.5 The meeting may wish to note that the CNS SG meetings were of the opinion that the process of updating the AFTN/CIDIN directory during the CNS SG meetings is not very practical and recall that it was agreed that any future updates be forwarded to ICAO MID Regional Office in order to maintain the directory updated.

2.6 The meeting may further wish to note that many AMHS implementations are going on in the ICAO MID Region, in order to support these implementations, ICAO MID Regional office with the support from EUROCONTROL conducted AMC training for the MID States in October 2009 ; consequently many AMHS systems are now operational in the MID Region which is considered as pioneer in the AMHS implementation.

2.7 During the AMC training it was noted that there is a facility to store/update the full AFTN/CIDIN directory in the AMC system and with the knowledge now gained in using the AMC systems, MID States could utilize this function which is actually handled by the AMC operator.

2.8 Introduction of the AMHS and the new circuits make the maintenance of the routing directory difficult and getting complicated. In Europe this function is done by AMC with the aid of routing software AMC operator would have a complete view of the network; in addition AMC has a function utilized to create an optimum routing table and this function can be used by the MID Region without additional development but require authorization from EUROCONTROL as this function has not been provided to the External com centre.

2.9 Based on the above MIDANPIRG/12 endorsed to use AMC system for updating and maintaining the MID Region AFTN/CIDIN directory and agreed on the following Conclusion 12/44:

CONCLUSION 12/44: UPDATING THE AFTN/CIDIN DIRECTORY

That,

- a) ICAO MID Regional office request Authorization from EUROCONTROL to provide the AMC routing function to the MID Region; and*
- b) MID States are urged to keep the AMC systems updated with the complete AFTN/CIDIN directory.*

2.10 Based on the above, ICAO MID Regional Office requested EUROCONTROL to provide the additional functions to the MID Region and several exchange of correspondence and a meeting resulted that MID Region requires establishing its own MID AMC. The details on the MID AMC establishment are in working paper 4.

2.11 The current version of the MID AFTN/CIDIN directory is at **Appendix A** to this working paper and the meeting is requested to update the data in the directory.

2.12 The meeting is requested to agree that ICAO MID Regional office coordinate directly with Jordan for the population of the MID AFTN/CIDIN directory in the MID AMC when operational, and also post the directory in the ICAO MID Forum for easy reference under password protected area. Accordingly the meeting may wish to agree to the following Draft Conclusion:

Why	Start the use of the MID AMC
What	Population and posting of MID AFTN/CIDIN Directory
Who	ICAO MID Regional Office and Jordan
When	MIDANPIRG/13

DRAFT CONCLUSION 4/XX: MID AFTN/CIDIN DIRECTORY

That, ICAO MD Regional Office:

- a) take necessary steps with Jordan to populate the MID AFTN/CIDIN Directory in the MID AMC; and*
- b) post the MID AFTN/CIDIN Directory in the ICAO MID Forum.*

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) review and update the AFTN/CIDIN routing directory which is at **Appendix A** to this working paper; and
- b) agree on conclusion in para 2.12.



INTERNATIONAL CIVIL AVIATION ORGANIZATION
MIDDLE EAST OFFICE

Routing Directory for AFTN and CIDIN Centres in the MID Region