



International Civil Aviation Organization

MID ATS Message Management Center Steering Group

Third Meeting (MIDAMC STG/3)
(Cairo, Egypt 26- 28 January 2016)

Agenda Item 4: Enhancement of the MID AFS Network Services

REMOVAL OF CIDIN ROUTES IN THE MID REGION

(Presented by MIDAMC)

SUMMARY

This paper proposes developing time based plan with concerned States to remove all CIDIN routes in the MID Region and review mechanism to support AMHS in Implementation Phase

Action by the meeting is at paragraph 3.

REFERENCES

- MIDANPIRG/15 Report
- MSG/4 Report

1. INTRODUCTION

1.1 The Fifteenth meeting of the Middle East Air Navigation Planning and Implementation regional Group (MIDANPIRG/15) was held in Bahrain from 8-11 June, 2015.

1.2 The Fourth Meeting of MIDANPIRG Steering Group (MSG/4) was held in Cairo, from 24-26, November, 2014.

2. DISCUSSION

2.1 Five (5) COM Centers in the MID Region have CIDIN links (Bahrain, Egypt, Lebanon, Saudi, and UAE), and all these States already have AMHS system in place.

2.2 The meeting may wish to recall that, the MIDANPIRG/15 meeting urged States to expedite their AMHS implementation and discouraged the implementation of AFTN and CIDIN Circuits especially at International level and agreed to Conclusion 15/30:

CONCLUSION 15/30: AFTN/CIDIN AFS CONNECTIVITY AND AMHS IMPLEMENTATION

That States be urged to:

- a) refrain from establishing new AFTN and CIDIN connections at the International level;
- b) gradually phase out the current connections based on AFTN or CIDIN standards; and
- c) expedite their AMHS implementation.

2.3 Furthermore, it was noted that there has been no progress to remove CIDIN routes in the MID Region; therefore, a time based plan should be developed in agreement with the concerned states to remove all CIDIN routes.

2.4 Transition from CIDIN to AMHS will require a significant amendment in AFTN, CIDIN and AMHS routing tables not only in the State itself but also in adjacent COM Centers and others in the Network. Therefore, concerned COM Centers and the MIDAMC Operator should identify all dependencies when the CIDIN Relay traffic is taken off a dedicated CIDIN connection in normal routing situations and in all alternate routing cases as well.

2.5 Phasing out AFTN connection should follow CIDIN removal, however, transition at national level to AMHS can be started to facilitate the full migration. The meeting may wish to note that in 2019 the OPMET will start exchanging data in digital format, which cannot be handled in AFTN and CIDIN; therefore AMHS should be fully implemented in the MID Region.

2.6 Based on above, the AMHS Migration can be done as following stages:

- a) Removal of all CIDIN Routes in the MID Region.
- b) Transition to AMHS for international links.
- c) Transition of all AFTN user to ATS User Agents, all end systems should be connected as P3/P7 User Agents.
- d) Transition to AMHS for all Inter-regional Links.

Review the Mechanism to Support AMHS in Implementation Phase

2.7 The meeting may wish to note that in the Second meeting of the MIDAMC Steering Group, it was highlighted that the Implementers forum can be used to share information and experience between members and provide technical support needed.

2.8 However, the MIDAMC Team proposed further means to support AMHS Implementation in the Region:

- a) Posting Guidance Material (EUR ICAO 020 and ICAO EUR 021) into Documentation subpage at the MIDAMC.
- b) Posting template of Interoperability test Configuration and Report documents.
- c) Posting template of Preoperational test Configuration and Report documents.

- d) Posting all requests received by email into the Implementers forum and sending notifications to all MIDAMC Users.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information in this paper;
- b) analyze the difficulties in CIDIN removal process and suggest solutions (if any);
- c) develop a plan as recommended in 2.3;
- d) take into consideration the requirements of having P3/P7 Interface for all new end systems; and
- e) provide comments to para 2.8.

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