International Civil Aviation Organization

MID ATS Message Management Center Steering Group

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

Agenda Item 3: **MIDAMC and AMHS Implementation in the MID Region**

MIDAMC PERIODIC REPORT AND PROGRESS
ON AHMS IMPLEMENTATIONS

(Presented by MIDAMC Operator)

SUMMARY
This paper presents the AMHS activities in the MID Region and worldwide.
Action by the meeting is at paragraph 3.

REFERENCES
- MIDANPIRG/15 Report - MIDAMC website: www.midamc.jo

1.   INTRODUCTION

1.1   The MIDAMC has been in operation on trial basis since 12 Dec 2012, and was providing the necessary support and updates every AIRAC date to all MID States.

1.2   The MIDAMC services were officially launched from 5 February 2015, after performing the training for the key users; twenty-three (23) participants from nine (9) MID States have attended the training. The MIDAMC official announcement of operation was from the AIRAC cycle number "142" on 5 February 2015.

2.   DISCUSSION

2.1   In the MID Region Eight (8) States has operational AMHS (Egypt, Jordan, Lebanon, Oman, Qatar, Saudi Arabia, Sudan and UAE). Lebanon has two operational AMHS link with Amman and Jeddah COM Centres, and has a plan to migrate to AMHS for all international connections.

2.2   Iraq has installed new AFTN/AMHS system, supplied by Ubitech, the system is currently used for AFTN network at national level. Iraq has established IP connection with Jordan over fibre optics with 2 M bandwidth, and plan to do same with Kuwait.

2.3   Iraqi staff, operational and technical has trained on AMHS for a month in Italy, coordination is being done to join the MID AMC services and register as MIDAMC users.

2.4   The interoperability test between Amman and Baghdad Com Centers is planned for the first quarter of this year, Preoperational test will follow.

2.5   The meeting may wish to know that Jordan received a request from Ankara COM center to support them in carrying an AMHS Interoperability test, the test was performed successfully and the link put into operation based on bilaterally agreement.

2.6   The meeting may wish to know that the MID Region has 12 AMHS links.

2.7   Intensive Progress in AMHS has been done in EUR/NAT Region, after launching the PENS services, many COM centers have transitioned to AMHS, the existence of IP infrastructure facilitate the transition seamlessly. More than twenty (20) COM centers have operational AMHS.

2.8   Moreover, the United Kingdom has two Inter-regional AMHS links, one with Singapore COM center (WSSS) in ASIA/PAC and the other with the United States of America in NAM/CAR Region. The COM chart of interregional connections including the latest MID chart is at **Appendix A**.

2.9   The meeting may wish to recall that CAAS addressing scheme is the target addressing scheme when AMHS put into operation. Accordingly, States are advised to coordinate with the MIDAMC operator to fill the pro-forma and submit to ICAO HQ and the EURAMC.

2.10   Furthermore, MIDAMC has received many support's requests by email from MID States, the meeting may wish to recall that an Implementers Forum is available at MIDAMC website for all user types and they can interact or share their concern with the MIDAMC team and other MID users. It is encouraged to use this Forum.

2.11   The MIDAMC provide - among others- the following main tasks on daily basis to support its operations:

        a.   provide regular email update as at each AIRRAC date;
        b.   check the routing tables for consistency;
        c.   register new Users;
        d.   keep the Network Inventory data updated;
        e.   coordinate and communicate with MID Users and support AMHS Planning and Implementation when required;
        f.   synchronize the ATS Addresses with the EURAMC; and
        g.   move data between MIDAMC Areas according to the MIDAMC AIRAC phases.

2.12   Moreover, the meeting may wish to know that according to the accreditation procedures new users from AFI Region have been registered as external users to the MIDAMC.
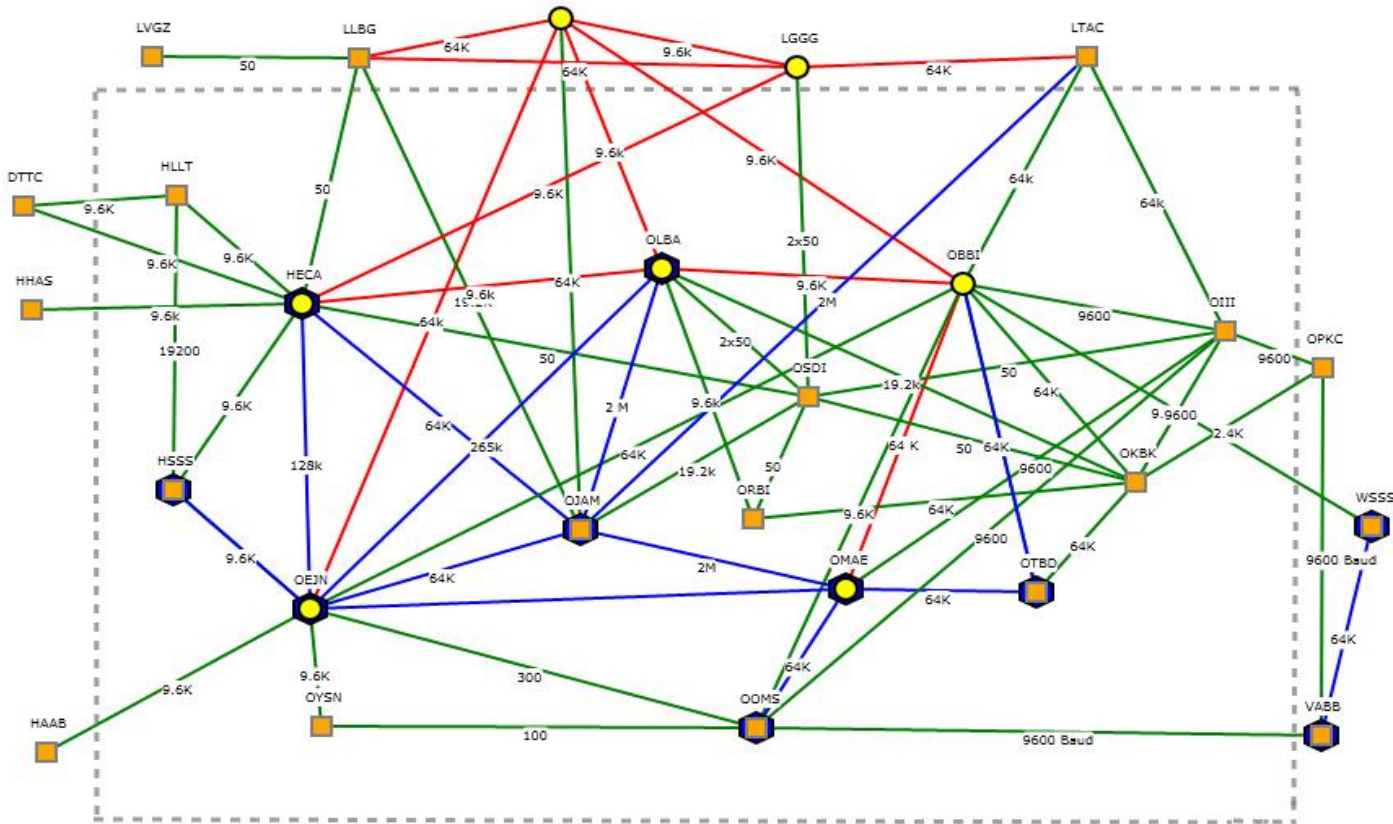
3.   ACTION BY THE MEETING

3.1   The meeting is invited to:

        a)   urge States that have not provided their Routing tables to do so;

        b)   encourage states to take the target addressing scheme into consideration; and

        c)   encourage states to use the implementer's forum when request support

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APPENDIX A

MID COM Chart

●	CIDIN/AFTN COM Centre	— 9.6k — CIDIN Link with Line Speed	--- 9.6k --- AMHS-CEMU Link with Line Speed	— 9.6k — AMHS Link with Line Speed
■	AFTN COM Centre	— 9.6k — AFTN Link with Line Speed	--- 9.6k --- CIDIN-CEMU Link with Line Speed	Path
⬢	AMHS COM Centre	Fully Meshed Island		

AFI COM Chart (07/01/2016)

ASIA/PAC COM Chart (07/01/2016)

EUR/NAT COM Chart (07/01/2016)

NAM/CAR COM Chart (07/01/2016)

SAM COM Chart (07/01/2016)

Interregional COM Chart (07/01/2016)