



International Civil Aviation Organization

MID ATS Message Management Center Steering Group

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

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

EXCHANGING AMHS MESSAGES THROUGH VSAT

(Presented by Egypt)

SUMMARY

This paper presents an AMHS activity using VSAT IP link.

Action by the meeting is at paragraph 3.

1. INTRODUCTION

1.1 The test had been successfully made by Cairo and Johannesburg.

2. DISCUSSION

2.1 The implementations under test are: Thales AMHS system at South Africa and COMSOFT AFTN/AMHS system at Egypt.

2.2 Johannesburg used a simulation system while the absence of such facility at Cairo made the only choice is to use the operational system. The test performed through a VSAT TCP/IP link.

2.3 Routing tables entries, AFTN and AMHS, have been made so as not to interfere with the real traffic.

2.4 Cairo and Johannesburg had successfully exchanged test messages and agreed to perform a complete interoperability test based on EUR AMHS Manual Doc 20 next week, following the MIDAMC STG/3 meeting.

2.5 The aim of the test is proofing the successful use of a TCP/IP VSAT link.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information in this paper; and
- b) urge States having the opportunity to use VSAT to expedite the migration to AMHS.

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