



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

AMHS – SITA INTERCONNECTION TOPOLOGY IN ICAO MID REGION

(Presented by SITA)

SUMMARY
This paper presents the SITA AMHS gateway interconnection topology. Action by the meeting is at paragraph 3.
REFERENCES
- MIDAMC STG/2 Report

1. INTRODUCTION

1.1 This working paper is to propose the SITA AMHS gateway interconnection topology for review with the objective to optimize the interconnection use and traffic routing through the 2 proposed SITA AMHS interconnections in ICAO MID Region.

2. DISCUSSION

2.1 The SITA is currently engaged with Jordan - Amman COM Center to prepare for IP network connectivity and AMHS Interoperability Testing (IOT). To this end the draft IOT document compliant with ICAO EUR Doc 020 – EUR AMHS Manual, Appendix E, Version 10.0 has been exchanged and being finalized. A similar effort is initiated for AMHS interconnection with Qatar COM Center.

2.2 To prepare for traffic migration from AFTN to AMHS and considering that all countries within ICAO MID region exchange with SITA users a proposed interconnection topology is at **Appendix A** as an input for traffic routing.

2.3 The proposed topology is based on SITA's current traffic analysis and ICAO MID region COM chart version 8.0 dated 2nd of April 2015.

2.4 The possible future integration of other countries within ICAO MID Region or the need to enforce traffic flow optimization will be subject to the proposed topology update to facilitate intra-regional message exchange as recommended in the AMHS – SITA Interconnection architecture document.

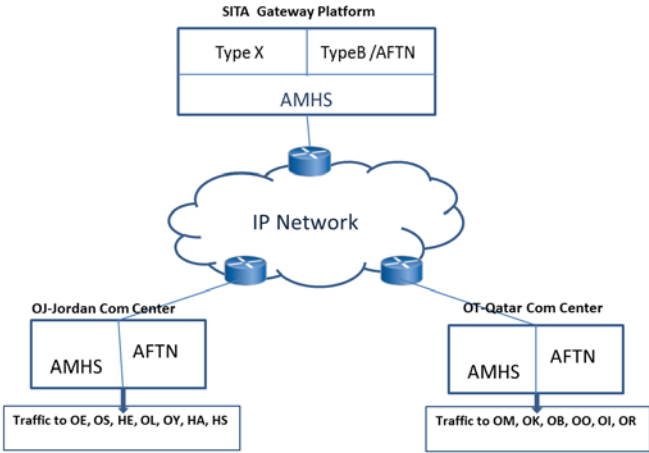
3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) take this information into consideration;
- b) discuss and provide comments; and
- c) agree or recommend possible changes to the proposed topology in view of traffic flow optimization.

APPENDIX A

SITA AMHS Gateway Interconnection Topology
in MID Region



7/12/2015

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