



International Civil Aviation Organization

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Meteorology Sub-Group (CNS/MET SG/8) of APANPIRG**

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Agenda Item 3: Aeronautical Fixed Service

MIGRATION OF AIDC TO AMHS

(Presented by the United States of America)

SUMMARY

ATS Inter-facility Data Communications (AIDC) is currently part of the ATS Fixed Telecommunications Network (AFTN) system, however as AMHS replaces AFTN, it is conceivable that AIDC would migrate from AFTN to an ATN environment. At present, there are no plans or direction for the future operation of AIDC. This paper requests that the ATN Transition Task Force (ATNTTF) be tasked to coordinate with the AIDC Task Force to develop the appropriate planning and documentation to migrate AIDC to ATN compliance.

1. INTRODUCTION

1.1 AIDC enables the exchange of information between ATS units for support of critical ATC functions. Currently, in the Asia/Pacific region, the AIDC addressing scheme and interface is based on the existing AFTN. As Air Traffic Message Handling Services (AMHS) becomes prevalent throughout the world, AFTN service will be reduced and eventually decommissioned. A plan to address the future of AIDC is needed.

2. DISCUSSION

2.1 The ATNTTF is developing the Ground/Ground (G/G) ATN router to replace the AFTN message service application. The ATNTTF is responsible for the AFTN/AMHS only and presently has no responsibility to research or develop any technical parameters to migrate the AIDC application to the ATN environment. AMHS.

2.2 Although AIDC is a candidate for migration to AMHS, presently there are no concrete plans for AIDC to interface with the ATN G/G router.

2.3 It may be appropriate for representatives of the ATNTTF and the AIDC Task Force to meet to discuss the direction of AIDC, formulate a plan with technical specifications and identify the appropriate resources needed to execute a successful migration. It may also be possible that the next ATNTTF meeting would coincide with the next AIDC Task Force meeting to enhance planning and discussions.

3. CONCLUSION

3.1 The meeting is requested to task the ATNTTF, with the cooperation/coordination of the AIDC Task Force, to develop the planning and technical interface requirements needed to migrate AIDC to ATN.
