



- Agenda Item 2: Follow-up to the implementation status of the performance based navigation systems plans for the CAR and SAM Regions and to the latest amendments to the ATM and CNS related SARPS**

WORKSHOP ON AMHS IMPLEMENTATION IN THE CAR NAM REGION

(Presented by the United States of America)

SUMMARY

This Information Paper presents the results of the Implementation of ATS Messages Handling System (AMHS) Workshop for the CAR and NAM Regions held in Miami, Florida on October 2010. The United States Federal Aviation Administration organized this Workshop in coordination with the International Civil Aviation Organization (ICAO) in support of the Global Air Navigation Plan Initiative GPI-22 – Communication Infrastructure.

1. Introduction

1.1 The United States Federal Aviation Administration (FAA) in coordination with ICAO organized the *FAA Workshop on the Implementation of ATS Messages Handling System (AMHS) in the NAM/CAR Regions* in Miami, Florida, United States from 19 to 21 October 2010. This workshop was created in support of the implementation of Global Air Navigation Plan Initiative GPI-22 – *Communication infrastructure* and the activities of the NAM/CAR Regional Performance-based Air Navigation Implementation Plan (NAM/CAR RPBANIP) with the follow-up to the implementation of the AMHS in the NAM/CAR Regions.

1.2 The Workshop was organized to provide participants with a forum to exchange information, experiences and lessons learned from the different preparatory actions made in the NAM/CAR Regions, and to provide guidance on the AMHS implementation within the global operational concept framework of the ICAO and the regional agreements.

1.3 The meeting was attended by CAR and NAM States Technical professionals involved with the planning, operation, maintenance, configuration and implementation of their AFTN and AMHS Systems, as well as State's designated focal points concerning the AMHS trial and implementation activities in the CAR/NAM Regions.

2. Discussion

2.1 During the Workshop, the participants discussed and organize the AMHS fore coming trial and implementation activities in the NAM/CAR Regions; and provided knowledge on the current and future status of the AMHS implementation in the NAM/CAR regions.

2.2 The Workshop was organized for presenters to provide and share information for all States that are at different levels of implementation. The presenters provided a brief refresher on the differences between AFTN and AMHS messaging as well as the key issues to address in planning for AMHS transition. Also presented was an overview of papers at the working group level which address ICAO requirements and elements necessary to support NAM/CAR/SAM IPv4 Addressing.

2.3 Each State took the opportunity to present and discuss their plans and challenges for AMHS implementation and transition during the next two years. This information was copied into a Matrix indicating such things as AMHS facility type, target implementation date, points of contact, etc. This information will be used as guidance for actions to be completed in order to successfully transition to AMHS.

2.4 ICAO CNS Officer provided detailed information on ICAO Panels, Working Groups and Task Forces involved in the AMHS implementation requirements and process.

2.5 The participants agreed that the following information should be taken into consideration while preparing for the transition and implementation of AMHS in the CAR NAM Region

- Review procedure and activities to follow-up for AMHS trials.
- Test considerations with the FAA.
- Training aspects
- Recommendation for the creation of a website for AMHS technical exchange of information, experiences and lessons learned.
- ICAO references and guidance material (Doc 9880 and 9896 mainly)
- Regional coordination within the activities of the NAM/CAR RPBANIP.
- Matrix: Trial sequence and relevant technical information to follow-up.

3. Conclusions

3.1 It was an excellent and much needed Workshop providing the foundation for the work that needs to be carried out by the CAR and NAM Regions.

3.2 We invite the Meeting to note the information in this paper.