



Agenda Item 7: Implementation of systems for the exchange of Aeronautical Information and Aeronautical Data

Follow-up to Project G2

(Presented by the Secretariat)

SUMMARY	
This working paper is a follow-up to the activities carried out within Project G2 – <i>Implementation of AIXM</i> .	
REFERENCES:	
<ul style="list-style-type: none"> • Annex 15 to the Convention on International Civil Aviation. • SAM/AIM Multilateral meetings. • EUROCONTROL guideline model "Specification for the Electronic Aeronautical Information Publication (eAIP)". 	
ICAO strategic objectives:	<i>A - Safety</i> <i>B – Air navigation capacity and efficiency</i> <i>E – Environmental protection</i>

1. Introduction

ICAO, within the AIM Global Implementation Strategy, states that a delay in the management of information can affect or delay the processes related to SWIM.

1.1 Amendment 40 to Annex 15 and the new PANS-AIM document provide a regulatory framework for the exchange of aeronautical data in a digital environment.

2. Analysis

2.1 The Transition Roadmap from AIS to AIM establishes that aeronautical data should be exchanged and managed in an electronic environment that allows the automation of the processes associated with aeronautical operations.

2.2 Aeronautical information management aims at the exchange of aeronautical information of assured quality and in an interoperable format at a global level.

3.

3.1 The transition from a product-centric aeronautical information service (AIS) environment to data-centric and service-oriented aeronautical information management (AIM) environments is essential, as the need to meet the requirements of a greater number of users and an integrated and interoperable ATM system is becoming increasingly urgent. If the implementation challenges of the AIM are not addressed correctly at present, the evolution to the SWIM may be endangered

3.2 Amendment 40 to Annex 15 and the new Doc. of the PANS-AIM, define the digital data sets that must be supplied by the AIS services, which are:

- a) AIP datasets;
- b) field data sets;
- c) data sets on obstacles;
- d) aerodrome cartographic data sets; and
- e) instrument flight procedure datasets.

3.3 The Meeting will recall that during SAM/AIM/11, in relation to the implementation of the e-AIP, several participants indicated that the processes were in progress, although the problem for exchange or exchange tests was the connection of AMHS, which continued working as AFTN.

3.4 States should report progress made on this point. Additionally, they should work in a coordinated manner with the communication areas in order to plan the interconnections in AMHS that facilitate the exchange of aeronautical information in the electronic environment and in interoperable format.

3.5 Coordination of Project G2 informs the Meeting that, with the support of the Secretariat, it has continued working on the preparation and translation of the EUROCONTROL document related to the publication of the AIP in electronic format (eAIP). The document is presented as **Appendix A** to this working paper (available only in Spanish). This Summary Guide is designed to help to clearly and specifically understand the content of the original document.

4. **Suggested action:**

3.1 The Meeting is invited to:

- a) take note of the information provided in this working paper;
- b) analyze the information contained in Appendix A; and
- a) provide information on the current process of implementing the digital data sets and of the e-AIP.