



International Civil Aviation Organization

CAR/SAM Regional Planning and Implementation Group (GREPECAS)

**Sixteenth Meeting of the CAR/SAM Regional Planning and Implementation Group (GREPECAS/16)**

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### **Agenda Item 3: Performance framework for Regional Air Navigation Planning and Implementation**

3.1 Global, inter-regional and intra-regional activities concerning air navigation systems in the CAR/SAM Regions

#### **REPLACING AISWEB SITE BY PORTAL AIS**

(Note presented by Brazil)

##### **SUMMARY**

This information paper aims to introduce participants to the new Brazilian Aeronautical Information website, called “Portal AIS.”

### **1. Introduction**

1.1 The electronic site <http://www.aisweb.aer.mil.br> was a great tool, used by Brazil since 2006 to allow users to perform a safe and complete flight planning, through consultation of NOTAM, AIP, AIP Supplements and Aeronautical Charts by the national and international aeronautical community.

1.2 Over the years there has been considerable advance in the field of Information Technology, which is enabling the development of tools for easy interaction between organizations and users, thus allowing the provision of quality services, enhanced user experience, obtaining organizational indicators and others.

1.3 The Portal AIS, located at <http://www.ais.decea.gov.br> was designed with the goal of capturing all of the above concepts and also allowing the traceability of information provided by AIS professionals in Brazil.

### **2. Benefits achieved**

2.1 The main benefits achieved by the new website are:

- a) User-friendly queries;
- b) Availability of the AIS Portal in Portuguese and English versions;
- c) With the use of the "traceability" concept, according to Chapter 3, item 3.2.4 of ICAO Annex 15, it is possible to identify the machine, IP, date and operator who

has provided incorrect information, so that the Organization can take corrective actions and, when needed, provide refresher training to staff;

- d) Possibility of making the "search" on the homepage, through the ICAO location indicator, obtaining, in response, the NOTAM, the AIP, the Aeronautical Charts, AIP Supplements, METAR, TAF and the link connecting to REDEMETS, the Brazilian Aeronautical Meteorology network;
- e) Possibility to make queries to Aeronautical Publications by date of the amendment;
- f) Possibility to purchase the AIP package through the Portal AIS
- g) Possibility to download the AIP publication or to receive email notification every time an amendment is made;
- h) Menu "Contact Us" for the user to submit questions, complaints, criticisms, praise and other remarks;
- i) Menu for "Error Notification" by the user,
- j) Obtaining various types of indicators that will allow the improvement of services provided by DECEA;
- k) Tool for the transition from AIS to AIM, where managers of Aeronautical Information will be familiar with the changes from AIM;
- l) Wide dissemination through the use of social networks sites like Facebook etc.

### **3. Prospects**

3.1 The following improvements are intended to be introduced in the medium term to the Portal AIS:

- a) Insertion of a module for the AIRAC Cycle Management;
- b) Provision of geo-referenced charts;
- c) Integration with regional offices to gather reports and information currently sent by paper.

### **4. Conclusion**

4.1 Currently, air navigation depends on appropriate management of aeronautical information in order to allow proper planning of flights and ensure operational security. Thus, the new Portal AIS developed by DECEA aims to improve the efficiency and quality of aeronautical information available to the user of the airspace under Brazilian jurisdiction.

4.2 In this sense, Brazil is investing in order to constantly improve the services to the aviation community, seeking compliance with ICAO Recommendations.